



# Croydon Astronomical Society

## List of lectures 1997 – January 2011

Date	Lecture
Friday 7th February 1997	Nial Tanvir is a professional astronomer at the Institute of Astronomy. Tonight he will discuss the on going difficulties with the value for <b>Hubble's 'Constant'</b> .
Friday 21st February 1997	Closer to home our friend from North London <u>Jerry Workman</u> will harangue us with an in depth look at <b>Small Bodies of the Solar System</b> .
Friday 7th March 1997	From the Nobel Prize winning team of Professor Sir Harry Kroto we welcome none other than <u>Jonathan Hare</u> who was directly involved in the discovery of <b>C<sub>60</sub> (Buckminsterfullerene)</b> . His Topic tonight is <b>C<sub>60</sub> and Dust in the Universe</b> .
Friday 21st March 1997	We welcome a new speaker to the CAS, another professional astronomer <u>Robert Massey</u> who will enlighten us on his current research into <b>Protoplanetary Discs</b> .
Friday 9th May 1997	What have the professionals been up to with the <b>Infra Red Space Observatory ?</b> Come and hear <u>Diana Parsons</u> who is a researcher in this field and is in a position to reveal all ! This lecture was postponed due to the over-run of the short talk !
Friday 23rd May 1997	All you wanted to know about <b>Life in the Universe</b> and a little bit less ! Let <u>Richard Taylor</u> guide you through the plethora of possibilities of life on other planets and in dust clouds in space.
Friday 6th June 1997	Now for something completely different, <u>Dr. Jonathan Shanklin</u> will discuss the work of the <b>British Antarctic Survey</b> with special reference to matters astronomical.
Friday 20th June 1997	Forget the Hubble Space Telescope, forget ISO our very own <u>John Murrell</u> will present <b>Astronomy at the Frontier</b> a review of the history, current knowledge and mysteries in <b>Gamma Ray Astronomy</b> . Do you know the connection between VELA , the Cold War and Gamma Ray Astronomy ? and where do thunderstorms fit into the picture ?
Friday 4th July 1997	This is our traditional End of Season <b>Exhibition Meeting</b> . This is your opportunity to bring along miscellaneous bric-a-brac, impedimenta, astrolabes, doomsday devices etc. etc. or even your photographs of Comet Hale Bopp for the purposes of demonstration and mutual elucidation!
Friday 5th September 1997	Tonight we will have a short EGM to approve the annual account for the Year Ending March 1997 followed by our very own <b>Roy Easto</b> who in a talk titled <b>Astronomy from Space: - the next great questions</b> will introduce the incredible new space telescopes that will attempt to resolve many questions that have remained unanswered since the Ancient Greeks. Come and hear about NGST, Gaia, SIM, Darwin and Planet Finder !

<p><b>Friday</b> <b>19th September 1997</b></p>	<p>After a gap of many years we welcome <b>Roger Pickard</b> of the Crayford Manor Astronomical Society to give us the low down ( or is it the high up ?) on measuring the brightness of stars in a talk entitled <b>Astrophotometry</b>.</p>
<p><b>Friday</b> <b>3rd October 1997</b></p>	<p>We have ignored our moon of late, so who better than <b>Richard Taylor</b> to sock it to us with an appropriate address : <b>Our Moon - Yesterday, Today and Tomorrow</b>.</p>
<p><b>Friday</b> <b>17th October 1997</b></p>	<p>We introduce a new speaker to our Society from Imperial College, <b>Dr. Steven Warren</b> who will inform us about the <b>Early Universe</b> as elucidated with colour pictures from the Hubble Space Telescope Deep Field Images.</p>
<p><b>Friday</b> <b>31st October 1997</b></p>	<p>Now for something completely different: <b>The Planets in 3D</b>, the inimitable <b>Greg Smye-Rumsby</b> has something informative and frightfully jolly ( or is it jolly frightful ? ) lined up for us.</p>
<p><b>Friday</b> <b>14th November 1997</b></p>	<p>We have been blessed with a number of celestial apparitions recently, so we welcome the great <b>Alan Drummond</b> to deliver a discourse on <b>Comets - Past &amp; Present</b>.</p>
<p><b>Friday</b> <b>28th November 1997</b></p>	<p>We have a far out subject this evening. <b>Dr Robert Carswell</b> of the Institute of Astronomy will bring us all up to date with the latest information on <b>Quasars</b>. Don't miss this one folks !</p>
<p><b>Friday</b> <b>12th December 1997</b></p>	<p>This our last evening of the year is our traditional <b>Christmas Meeting</b>, this year we have revised the format so in addition to the traditional Mince Pies &amp; Christmas Cheer we will bring you an Astronomical Feast of unprecedented variety !</p>
<p><b>Friday</b> <b>9th January 1998</b></p>	<p>To start the calendar year we welcome the famous broadcaster and writer <b>Nigel Calder</b> to give us his perspective on the interrelation between the <b>Sun</b> and <b>Global Warming</b>.</p>
<p><b>Friday</b> <b>23rd January 1998</b></p>	<p>This evening we jump to the other end of the distance spectrum, when <b>Owen Brazell</b> of Webb Society fame will discuss some aspects of <b>The Astronomy of Deep Space</b>.</p>
<p><b>Friday</b> <b>6th February 1998</b></p>	<p>We are indeed fortunate to meet a genuine live discoverer of celestial apparitions. <b>Mark Armstrong</b> of Crayford will show us how to discover <b>Supernovae</b>.</p>
<p><b>Friday</b> <b>20th February 1998</b></p>	<p>Have you heard of <b>Chicxulub</b>, <b>Barringer</b> or <b>Mundrabilla</b> ? Let <b>Dr Matthew Genge</b>, an expert from the Natural History Museum fascinate you with his discussion of <b>Meteorites and the Earth's Crust</b>.</p>
<p><b>Friday</b> <b>6th March 1998</b></p>	<p>At long last we have prevailed upon our Chairman <b>Tony Angel</b> to deliver an astronomical discourse on <b>Discovering the Universe</b>, mankind's perception of the Universe through the ages.</p>
<p><b>Friday</b> <b>20th March 1998</b></p>	<p>This is our last chance to grasp the opportunity of asking our Resident Astronomer <b>Graeme Coates</b> to address us before he disappears to University. He will present a exposition on the Science &amp; Art of detecting photons from the distant Universe in a lecture titled <b>Photography and Detection</b>.</p>
<p><b>Friday</b> <b>8th May 1998</b></p>	<p>Clear skies followed <b>Konrad G Malin-Smith</b> to the Caribbean from where he was able to photograph the <b>1998 Solar Eclipse</b>. Tonight he will enlighten us with a spectacular &amp; dazzling display of his efforts.</p>

<p><b>Friday</b> <b>22nd May 1998</b></p>	<p>Tonight we have the opportunity to learn about <b>The Constitution of Stars and their Evolution</b> presented by an acknowledged expert <b>Dr. Robert Smith</b> of Sussex University</p>
<p><b>Friday</b> <b>5th June 1998</b></p>	<p><b>Dr Anthony Lazenby</b> of The Mullard Radio Astronomy Observatory will take us on a journey to the beginning of the Universe when he presents <b>Radiation in the Early Universe - Ripples in the Microwave Background</b> in this talk he will explain how measurements of the microwave background will enable us to get definitive values for Hubble's Constant &amp; The Density of The Universe.</p>
<p><b>Friday</b> <b>19th June 1998</b></p>	<p>In preparation for Midsummer's day <b>Ken Medway</b> from Solent Amateur Astronomers will bring us back to the Solar System when he presents <b>Studying the Sun</b>. A very topical talk as the number of Sunspots should be increasing as we have passed Solar Minimum.</p>
<p><b>Saturday</b> <b>20th June 1998</b>  <b>At Kenley</b></p>	<p>Come to our summer extravaganza - tonight from <b>6 p.m.</b> we will be holding our spectacular <b>Summer Barbecue</b> at <b>Kenley</b>. Enjoy the food, music &amp; see the nearest we get to the Midnight Sun. Entry by pre-purchased ticket only, available from committee members.</p>
<p><b>Friday</b> <b>3rd July 1998</b></p>	<p>Tonight is The Grand Finale to the Summer Semester - In our <b>Annual Exhibition Meeting</b> members will have the opportunity to amaze &amp; astound with their Astronomical Observations &amp; Latest Observing Gadgets.</p>
<p><b>Friday</b> <b>4th September 1998</b></p>	<p><i>Tonight's meeting will start with a short <b>Extra Ordinary General Meeting</b> to approve the <b>Annual Accounts</b>. Visitors are welcome to attend the meeting but will not be able to speak or vote at the E.G.M</i></p> <p>This will be followed by <b>Steve Ringwood</b> of Loughton Astronomical Society an acknowledged expert in the history of astronomy will describe a selection of serious errors in our astronomical past in a lecture titled <b>A Chronicle of Disasters</b></p>
<p><b>Friday</b> <b>18th September 1998</b></p>	<p><b>Konrad Malin-Smith</b> will discuss certain stellar scenarios that we have neglected recently when he describes <b>White Dwarfs &amp; Exploding Stars</b></p>
<p><b>Friday</b> <b>2nd October 1998</b></p>	<p><b>Stuart Clark</b>, a professional writer in Science Fact &amp; Science Fiction will divulge the latest information on <b>Extra Solar Planets</b>. He will also have some of his many publications available for perusal.</p>
<p><b>Friday</b> <b>16th October 1998</b></p>	<p>The great eclipse chaser <b>Nigel Evans</b> will discuss his <b>Astronomical Adventurers</b> at various eclipse sites as well as describing his experiences at space vehicle launching sites such as Baikonaur and Cape Kennedy.</p>
<p><b>Friday</b> <b>30th October 1998</b></p>	<p><b>Dr Andrew Liddle</b> of The University of Sussex &amp; Imperial College is an active researcher in Galaxy formation. Tonight he will divulge the latest theories on <b>Cosmology and Galaxy Formation</b>.</p>
<p><b>Friday</b> <b>13th November 1998</b></p>	<p>We welcome back <b>Jerry Workman</b> an accredited expert on the Solar System. He will describe the present state of knowledge concerning the largest planet in a lecture titled <b>Missions to Jupiter</b>.</p>
<p><b>Friday</b></p>	<p><b>Carole Haswell</b> a leading astronomical researcher from The University of Sussex will bring us up to date on the latest theories concerning <b>Black</b></p>

27th November 1998	<b>Holes.</b>
Friday 11th December 1998	Our final meeting of 1998 is marked by our <b>Christmas Meeting</b> which is a combination of <b>Some Things Astronomical</b> together with a <b>General Social</b> with Mince Pies and Festive Cheer to complete the Celebration
Friday 8 <sup>th</sup> January 1999	We open the calendar year with a talk by <b>Alan Drummond</b> entitled " <b>Globular Clusters</b> " These aggregations of old stars can tell us much about the lifetime of stars and we anticipate Alan's usual erudite presentation.
Friday 22 <sup>nd</sup> January 1999	<b>Maurice Gavin</b> has been in the forefront of many aspects of amateur astronomical research. This evening he will show us the tricks of the trade using <b>Spectroscopy</b> .
Friday 5 <sup>th</sup> February 1999	We welcome <b>Professor David Williams</b> from University College. The space between celestial objects is not empty and Professor Williams will prove as much in his talk on <b>Interstellar Matter</b> .
Friday 19 <sup>th</sup> February 1999	Not all stars are constant points of light. Our own <b>Geoff Keir</b> will elucidate this situation when he discusses the intriguing circumstances surrounding the existence of <b>Variable Stars</b> .
Friday 5 <sup>th</sup> March 1999	Our own <b>Richard Taylor</b> is never short on theories on anything ! The Solar System is one on his special loves. This evening we can look forward to an ingenious series of deductions concerning <b>Life On and In Solar System Objects</b> . Richard's lecture was presented by Geoff Epps due to Richard's accident.
Friday 19 <sup>th</sup> March 1999	And now for something completely different. <b>Richard Fleet</b> and his companions will describe what is observable & what has been observed by <b>Astronomers in the Southern Hemisphere</b> .
Friday 23 <sup>rd</sup> April 1999	The Croydon Astronomical Society <b>Annual General Meeting</b> . This is your chance to question the Committee about the Past, Present & Future of the Society. Any assistance that you can offer in running your Society will be gratefully received.
Friday 7 <sup>th</sup> May 1999	Yet another chance to have an entertaining & instructive look at some <b>aspects of Planets</b> . We welcome back one of our favourite speakers <b>Greg Smye-Rumsby</b> .
Friday 21 <sup>st</sup> May 1999	We welcome a new speaker to the CAS, <b>Dr Francisco Diego</b> from University College. He is an expert in many astronomical fields and tonight he will describe the methods used in cosmological investigations when he speaks on <b>Tools of Astrophysics</b> .
Friday 4 <sup>th</sup> June 1999	With the approach of the Eclipse it is time we took a more detailed look at our local star <b>The Sun</b> . An acknowledged expert, <b>Diana Parsons</b> of Leighton Buzzard will bring us up to date using information acquired by the <b>SOHO</b> and <b>ULYSSES</b> probes.
Friday 18 <sup>th</sup> June 1999	Our final lecture this term will be by <b>John Murrell</b> of The Croydon Astronomical Society & The University of Central Lancashire he will describe the final death of stars in a talk titled <b>Stellar Cinders</b> encompassing <b>Wolf-Rayet Stars, Planetary Nebula &amp; White Dwarfs</b> .
Friday	The final meeting of the academic year is our <b>Exhibition Meeting</b> . This is your opportunity to show other members your Astronomical achievements

<b>2<sup>nd</sup> July 1999</b>	or favourites of 1998 / 99. Bring along videos, slides, photographs or hardware and we will assemble an comprehensive and entertaining lecture.
<b>Friday</b> <b>3<sup>rd</sup> September 1999</b>	We start the Autumn term with an address by our senior trustee <b>Keith Brackenborough</b> on <b>50 years of Astronomy</b> when he brings together the achievements & aspirations of the astronomical community
<b>Friday</b> <b>17<sup>th</sup> September 1999</b>	Tonight we consider the results of <b>The Great European Eclipse</b> , our members were spread from Cornwall to Austria and we hope most if not all will bring an exciting tale to tell.
<b>Friday</b> <b>1<sup>st</sup> October 1999</b>	Can anything move faster than light ? <b>Dr Bob Lambourne</b> of the Open University will intrigue us with the various possibilities when he discusses the properties of <b>Tachyons</b> .
<b>Friday</b> <b>15<sup>th</sup> October 1999</b>	<b>Nigel Evans</b> of East Anglia is not only an Eclipse chaser of much experience but he has visited a number of space vehicle launching sites in Russia and the USA. His fascinating experiences are copiously illustrated and well worth listening to.
<b>Friday</b> <b>29<sup>th</sup> October 1999</b>	<b>Dr Caroline Allen</b> earned her PhD doing astronomical research at the <b>Lick Observatory</b> in the USA. Come and hear what the sharp edge of astronomical research is all about.
<b>Friday</b> <b>12<sup>th</sup> November 1999</b>	Of all the forces of nature <b>Gravity</b> is the weakest and yet seems the strongest ! This topic was considered by <b>Galileo, Isaac Newton &amp; Albert Einstein</b> . in the absence of these gentlemen <b>Roy Easto</b> will entertain us with a lecture on this topic. (NB Dates of this lecture were swapped with that by <b>Dr René Oudmaijer</b> )
<b>Friday</b> <b>26<sup>th</sup> November 1999</b>	This evening we deal with a topic that is new to us. <b>Dr René Oudmaijer</b> of the University of London will enthral us with a lecture on the properties of <b>Young Hot Blue Stars</b> .
<b>Friday</b> <b>10<sup>th</sup> December 1999</b>	This is our traditional <b>Christmas Meeting</b> We have some diverse astronomical entertainment designed to allow us to mill around and socialise. Do bring your own Mince Pies and refreshments & help the evening go with a swing ! (Preceded by EGM to approve the accounts for last year )
<b>Friday</b> <b>7th January 2000</b>	To start the last year of the 20th century <b>Nik Szymanek</b> will be showing us some more stunning images in his talk <b>New Images from La Palma</b> .
<b>Friday</b> <b>21st January 2000</b>	Tonight <b>Kevin Apps</b> will describe how <b>Extra Solar Planets</b> are detected and if any of them are suitable for the development of life.
<b>Friday</b> <b>4th February 2000</b>	Tonight's lecture has a historical theme when <b>Gilbert Satterthwaite</b> will describe the work of <b>George Biddle Airy</b> and his involvement in <b>Positional Astronomy</b> .
<b>Friday</b> <b>18th February 2000</b>	Earth's nearest neighbour is often neglected by astronomers as it is seen as the province of geologists ! Tonight <b>Dr. Sarah Dunkin</b> of University College will present the results of her research in <b>Exploring the Moon</b> with <b>Clementine, Lunar Prospector</b> and <b>Apollo</b> .
<b>Friday</b> <b>3rd March 2000</b>	Our main lecture tonight features an old friend of the society <b>Jerry Workman</b> who will describe the <b>Cassini Mission to Saturn</b> and the results that we can expect. This lecture was not held due to a failure of the

	transport arrangements !
<b>Friday</b> <b>17th March 2000</b>	To inform and entertain both the dedicated observers and the deskbound astronomers tonight <b>Terry Platt</b> will talk about <b>The development of CCD's</b> and what we can expect to image with them. This lecture was not held due to Terry Platt being unwell - Geoff Epps gave his talk on Observatories of the 21st Century
<b>Friday</b> <b>31st March 2000</b>	There have been some spectacular advances in telescope technology in the 20th century but tonight <b>Geoff Epps</b> will tell us about <b>Observatories of the 21st Century</b> . As Geoff Epps gave his lecture 2 weeks early Konrad Malin-Smith spoke on Supernovae.
<b>Friday</b> <b>14th April 2000</b> <b><u>Note Revised Date !</u></b>	<b>Annual General Meeting</b> - tonight is your opportunity to hear what the Committee achieved last year & tell the new Committee Members that you have nominated what you want them to do next year !
<b>Friday</b> <b>5th May 2000</b>	Tonight <b>Mike Frost</b> will be speaking to us about <b>Isaac Newton &amp; his impact on Science</b> , illustrated by what was found from his experiments.
<b><u>Thursday</u></b> <b>18th May 2000</b>	Tonight <b>Martin Mobberley</b> , President of the BAA & frequent guest on The Sky at Night as well as being an avid observer will tell us about the many <b>Comets</b> he has studied.
<b>Friday</b> <b>2nd June 2000</b>	There have been many developments in the field of <b>Pulsars</b> in recent years, tonight the (in)famous television personality <b>Konrad Malin-Smith</b> will inform us about the latest developments, illustrated by his infamous working model as seen on BBC1 !
<b><u>Saturday</u></b> <b>17th June 2000</b>	SAGAS 2000 Meeting at the Royal Russell School - Speakers are: <b>Paul Murdin</b> of PPARC on <b>Astrophysics 2000 Plus</b> , <b>Richard Taylor</b> ( British Interplanetary Society) on <b>Some Thoughts on Planets</b> , <b>Dr Liz Puchnarewicz</b> (Mullard Space Science Laboratory) on <b>The Frontiers of X-Ray Astronomy</b> . A more detailed programme will be available.  This will be followed by a visit to Kenley Observatory & a Barbecue (Weather permitting).  <b>Tickets in advance</b> are £1.00 for the lecture and £3.00 for the barbecue from Mike Ross either at meetings or by post (SAE please).
<b>Friday</b> <b>30th June 2000</b>	Tonight is your opportunity at our <b>Exhibition Meeting</b> to show the other members your favourite astronomy from the past year. Bring pictures, posters (see below), slides, videos or short talks & we will assemble a spectacular evening.
<b>Friday</b> <b>8th September 2000</b>	To start the autumn programme <b>Graeme Coates</b> of the <b>CAS</b> has taken time of from his lectures at Cambridge University to use a non-mathematical approach to educate us about ' <b>Some Aspects of Orbiting Bodies</b> ' which will include both planets & binary stars.
<b>Friday</b> <b>22nd September 2000</b>	10 m telescopes such as the Gemini twins are the current state of the art in astronomical telescopes. Tonight <b>Philip Taylor</b> of <b>Brighton</b> will describe both the <b>GEMINI telescopes</b> and the even larger telescopes that are in the design and proposal stages.
<b>Friday</b>	Our main lecture tonight features an old friend of the society <b>Jerry Workman</b> who will describe the <b>Cassini Mission to Saturn</b> and the

<b>6th October 2000</b>	results that we can expect.
<b>Friday</b> <b>20th October 2000</b>	While the concept of the Big Bang can be understood by most astronomers the details can be very complex. An acknowledged expert on the Big Bang <b>Professor Clegg</b> of <b>Queen Mary &amp; Westfield College</b> will help us understand the details in his lecture ' <b>Understanding the Big Bang</b> '.
<b>Friday</b> <b>3rd November 2000</b>	To inform and entertain both the dedicated observers and the deskbound astronomers tonight <b>Terry Platt</b> will talk about <b>The development of CCD's</b> and what we can expect to image with them. Due to problems with obtaining a digital projector, this talk was postponed and replaced by a lecture on human vision & observing by John Murrell & a short lecture on the H-R diagram by Konrad Malin-Smith.
<b>Friday</b> <b>17th November 2000</b>	<b>Anton Vamplew</b> famous as both a presenter on Blue Peter and as an Astronomical Educator through his planetarium shows will talk about ' <b>Asteroids - my part in their downfall !</b> '.
<b>Friday</b> <b>1st December 2000</b>	<b>Lucie Green</b> who is an active solar researcher at <b>The Mullard Space Science Laboratory</b> will tonight celebrate solar maximum by telling us all about ' <b>The Exploding Sun</b> '.
<b>Friday</b> <b>15th December 2000</b>	Tonight is our <b>Christmas Meeting</b> where we encourage all the members to bring a little to eat & drink and share it with the other members whilst socialising. The celebration will be punctuated by astronomical interludes which will require audience participation !
<b>Friday</b> <b>5<sup>th</sup> January 2001</b>	We welcome the New Millennium with an illustrated talk entitled <b>Relativity for Non-Mathematicians</b> by <b>Konrad Malin-Smith</b> .
<b>Friday</b> <b>19<sup>th</sup> January 2001</b>	<b>Pam Spence</b> – who is well known for her work editing Astronomy Now will review our present <b>Knowledge of the Solar System</b> .
<b>Friday</b> <b>2<sup>nd</sup> February 2001</b>	After an absence of some years we are pleased to see the return of <b>Roger Luther</b> who will challenge us with <b>some original ideas in Cosmology</b> .
<b>Friday</b> <b>16<sup>th</sup> February 2001</b>	Tonight we have something different we will present a collage of astronomical pictures for a meeting titled " <b>The Best of the Internet</b> " from the Internet presented using the latest digital technology.
<b>Friday</b> <b>2<sup>nd</sup> March 2001</b>	Third Time Lucky ! Tonight <b>Terry Platt</b> will describe <b>CCD technology</b> and show us some of <b>the images that Amateur Astronomers</b> can obtain with this equipment.
<b>Friday</b> <b>16<sup>th</sup> March 2001</b>	Tonight we welcome back one of our favourite speakers <b>Greg Smye-Rumsby</b> who will harangue us with an astronomical offering titled " <b>Size Matters</b> ".
<b>Friday</b> <b>30<sup>th</sup> March 2001</b>	From dusty birth to dramatic death, for the final meeting of this semester <b>Brian Allaker</b> will describe the birth & evolution of stars.
<b>Friday</b> <b>20<sup>th</sup> April 2001</b>	Tonight <b>Richard Taylor</b> will present <b>Heavenly Bodies</b> – A jaunt around the Solar System

<b>Friday</b> <b>4<sup>th</sup> May 2001</b>	The last Apollo Mission may have landed on the moon on the 17 <sup>th</sup> December 1969 but it is only recently that summaries of the missions have been published. Tonight <b>Jerry Workman</b> will present his views of what <b>Apollo told us about the moon.</b>
<b>Friday</b> <b>18<sup>th</sup> May 2001</b>	Tonight is the <b>Annual General Meeting</b> – come along & listen to what the Committee think they have achieved in the last year, come and express your views where you want <b>your</b> society to go. Come & help us run your society – help is always welcome !
<b>Friday</b> <b>1<sup>st</sup> June 2001</b>	<b>Mass in Three Dimensions !</b> A mega presentation by our own <b>Tony Sizer</b> .
<b>Friday</b> <b>15<sup>th</sup> June 2001</b>	<b>The Virtual Observatory – a new opportunity for Amateur Astronomy ?</b> Tonight <b>John Murrell</b> will describe why he believes new developments in Professional Astronomy will allow a renaissance of discoveries by dedicated amateur astronomers even from light polluted locations.
<b>Friday</b> <b>29<sup>th</sup> June 2001</b>	Tonight is our <b>Exhibition Meeting</b> which will allow <b>you</b> to show your achievements or favourite images to other members. We will provide the facilities – you provide the material ! More details from any Committee Member.
<b>Friday</b> <b>7<sup>th</sup> September 2001</b>	A special event, this evening <b>Konrad Malin-Smith</b> invites us to a world premier when he will describe his experiences of The 2001 African Eclipse. The presentation will include large screen video for your enjoyment.
<b>Friday</b> <b>21<sup>st</sup> September 2001</b>	Tonight the TV presenter <b>Anton Vamplew</b> will describe the various types of variable stars – this should encourage you to go out and observe them!
<b>Friday</b> <b>5<sup>th</sup> October 2001</b>	A long time favourite of the society returns tonight when <b>Jerry Workman</b> continues his exploration of the Moon and describes what we have learnt from the Clementine Spacecraft.
<b>Friday</b> <b>19<sup>th</sup> October 2001</b>	The ever popular <b>Geoff Keir</b> will no doubt challenge our conceptions & aid our understanding of the Universe when he speaks on ‘Aspects of Astrophysics’
<b>Friday</b> <b>2<sup>nd</sup> November 2001</b>	We welcome a new lecturer to the Society, tonight <b>Roberto Soria</b> from The Mullard Space Science Laboratory in Dorking will inform us ‘The frontiers of X-Ray Astronomy’. Including discoveries from the XMM & Chandra satellites.
<b>Friday</b> <b>16<sup>th</sup> November 2001</b>	One of our most popular lecturers <b>Greg Smye-Rumsby</b> will tell us why Size Matters in the Universe. Greg’s ebullient lecturing style is not to be missed!
<b>Friday</b> <b>30<sup>th</sup> November 2001</b>	<b>Sean Ryan</b> from the Open University will tell us where all those atoms in our bodies came from in his lecture on The Chemical Evolution of The Milky Way.
<b>Friday</b> <b>14<sup>th</sup> December 2001</b>	Our finale for the year is our traditional Christmas Meeting – bring some Christmas Snacks & a little good cheer and we will mix this with some Astronomical Entertainment to make it an evening to remember!
<b>Friday</b>	Tonight <b>Tony Sizer</b> will show us spectacular views of Mars in 3 Dimensions and explain what we have learnt from them.

<b>4<sup>th</sup> January 2002</b>	
<b>Friday</b> <b>18<sup>th</sup> January 2002</b>	Our own Astrophysicist <b>Graeme Coates</b> will explain recent results that indicate that we live in an Expanding Universe.
<b>Friday</b> <b>1<sup>st</sup> February 2002</b>	<b>Martin Heath</b> has visited many of the Worlds largest Telescopes and tonight he will give us an insiders view of some of the largest telescopes in the world.
<b>Friday</b> <b>15<sup>th</sup> February 2002</b>	Tonight we are going to condense 15 Billion Years into 75 minutes when <b>Pam Spence</b> will tell us The Story of The Universe.
<b>Friday</b> <b>1<sup>st</sup> March 2002</b>	<i>A pause on our way from the Universe to our own star tonight Ian Crawford will explain how Planets are found round other stars and tell us what is known about their characteristics</i> Cancelled – <b>Andrew Coates</b> of MSSL gave a lecture on Cassini-Huygens at Jupiter.
<b>Friday</b> <b>15<sup>th</sup> March 2002</b>	Tonight we welcome a new Lecturer to the CAS. <b>Dr Louise Harra</b> a solar researcher from The Mullard Space Science Laboratory has agreed to tell us about Recent Discoveries about our Local Star – The Sun.
<b>Friday</b> <b>5<sup>th</sup> April 2002</b>	By popular request we have an Open Forum on Telescopes for Amateur Astronomers, following an introduction to telescopes, a number of members will tell you about their favourite telescopes. We will finish with a question & answer session allowing you to find the answer to that elusive question on telescopes.
<b>Friday</b> <b>19<sup>th</sup> April 2002</b>	Tonight <b>Konrad Malin-Smith</b> has forsaken his asteroid and has come back to Earth to tell us about Neutrinos from Hell.
<b>Friday</b> <b>3<sup>rd</sup> May 2002</b>	Travelling tonight to the very edge of the Universe <b>Mark Cropper</b> from MSSL will tell us all about Gamma Ray Bursters.
<b>Friday</b> <b>17<sup>th</sup> May 2002</b>	Tonight is our AGM, come and find out what your Committee has achieved in the last year and use this opportunity to tell us what you think we should achieve in the next year. You can even volunteer to help us ! If you wish an item added to the agenda details must be supplied to the chairman in writing & signed by the proposer and two other members by 5 <sup>th</sup> May 2002.
<b>Friday</b> <b>31<sup>st</sup> May 2002</b>	One of our international members <b>Mike Maunder</b> will join us tonight to tell us how Astrophotography Changed History in 1795.
<b>Friday</b> <b>14<sup>th</sup> June 2002</b>	Our meeting tonight comes closer to home when <b>Tony Sizer</b> will describe The Paths of the Planets.
<b>Friday</b> <b>28<sup>th</sup> June 2002</b>	This is our Annual Exhibition Meeting when you get your opportunity to show other members your astronomical achievements of the past year. This will include the announcement of the winners of our Poster 2002 competition and an opportunity to see all the entries.
<b>Saturday</b> <b>29<sup>th</sup> June 2002</b>	To celebrate the Summer Solstice we are holding a Barbeque at our observatory at Kenley. This will start at 19:00. Look for more details on Altair_B & our web site nearer the time. Tickets will be available at the

	RRS Meetings.														
<p><b>Friday</b> <b>12<sup>th</sup> July 2002</b></p>	<p><del>Prof. John Quenby</del> of Imperial College will speak to us about Cosmic Rays those enigmatic particles that hit our atmosphere with very high energies. Where do they come from and what can we learn from them ? Come &amp; find out. This was postponed as the speaker was unable to attend. It was replaced by a series of short talks called '<b>Cosmic Nuggets</b>'</p> <table border="0"> <thead> <tr> <th style="text-align: left;"><b>Speaker</b></th> <th style="text-align: left;"><b>Title</b></th> </tr> </thead> <tbody> <tr> <td>John Murrell</td> <td>How do we tell the age of Neutron Stars ?</td> </tr> <tr> <td>Mike Ross</td> <td>Star Population Types</td> </tr> <tr> <td>Sarah Day</td> <td>Planet Ephemeris's</td> </tr> <tr> <td>Konrad Malin-Smith</td> <td>Line Spectra</td> </tr> <tr> <td>Roy Easto</td> <td>The Latest Space Telescopes</td> </tr> <tr> <td>Geoff Keir</td> <td>Cosmic Rays</td> </tr> </tbody> </table>	<b>Speaker</b>	<b>Title</b>	John Murrell	How do we tell the age of Neutron Stars ?	Mike Ross	Star Population Types	Sarah Day	Planet Ephemeris's	Konrad Malin-Smith	Line Spectra	Roy Easto	The Latest Space Telescopes	Geoff Keir	Cosmic Rays
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<p><b>Friday</b> <b>26<sup>th</sup> July 2002</b></p>	<p>As a culmination to our year one of our favourite speakers <b>Geoff Keir</b> will describe how stars live &amp; die in 'The Evolution of Stars and the H-R Diagram'.</p>														
<p><b>Friday</b> <b>6<sup>th</sup> September 2002</b></p>	<p><del>Tonight Peter Gill of Eastbourne Astronomical Society will take us on a tour of our nearest astronomical neighbour when he guides us on an in-depth look at the Moon and it's craters.</del> Due to Peter Gill being unable to attend this lecture was replaced by an el fresco lecture about both the Moon &amp; the Sun by Paul Harper, John Murrell &amp; friends.</p>														
<p><b>Friday</b> <b>20<sup>th</sup> September 2002</b></p>	<p>Auroras are both mysterious &amp; beautiful tonight Dr Alan Aylward from University College London will let us into some of the secrets of the causes of these phenomena and when we may best view them.</p>														
<p><b>Friday</b> <b>4<sup>th</sup> October 2002</b></p>	<p>Personal Computers today have abilities that professional Astronomers would have killed for only a couple of decades ago. Tonight we aim to show you some of the programmes that are available both to help the active observer and for sheer enjoyment! There will only be time for a brief guide but if this is well supported we may do some longer talks next term on particular programmes.</p> <p>Here is <a href="#">a link</a> to the presentation slides with names of the software &amp; also shows you what we did not get to. The file is in .PDF format and is about 340kBytes.</p>														
<p><b>Friday</b> <b>18<sup>th</sup> October 2002</b></p>	<p>The combination of computerised telescopes and communications via the Internet has enabled Amateur Astronomers to provide assistance to professionals in imaging transient events. Tonight Dr Nial Tanvir from The University of Hertfordshire will describe how we can help in his talk 'Things that go bump in the night: the role of amateurs in observing GRB's and other transients'</p>														
<p><b>Friday</b> <b>1<sup>st</sup> November 2002</b></p>	<p>Tonight's lecture has a Historical perspective, Rob Warren who works at The Royal Observatory Greenwich will explain some of the history of the observatory.</p>														
<p><b>Friday</b> <b>15<sup>th</sup> November 2002</b></p>	<p>Prof. John Quenby of Imperial College will speak to us about Cosmic Rays those enigmatic particles that hit our atmosphere with very high energies. Where do they come from and what can we learn from them ? Come &amp; find out. <i>(To be confirmed)</i></p>														
<p><b>Friday</b> <b>29<sup>th</sup> November 2002</b></p>	<p>Back to the future ! The next transit of Venus on the 8<sup>th</sup> June 2004 Tonight we are honoured to have the Librarian of The Royal Astronomical Society to speak to us about the history of the observations of the transit of Venus.</p>														

<p><b>Friday</b> 13<sup>th</sup> December 2002</p>	<p>The last meeting of the term is our traditional Christmas Celebration, bring some food &amp; drink to share with your friends and we will provide some Christmas entertainment with an Astronomical theme!</p>
<p><b>Friday</b> 3<sup>rd</sup> January 2003</p>	<p>Special Observing evening at <b>Kenley</b> – bring your <b>telescope</b> or <b>Binoculars</b> and share the views with other members – else just come &amp; look. <b>Hot Soup will be available</b>. An impromptu display of images from the internet will be held at Kenley if cloudy</p>
<p><b>Friday</b> 17<sup>th</sup> January 2003</p>	<p>A new breed of astronomer is emerging. Tonight <b>Roy Easto</b> will show us some of the new techniques used to <b>model the dynamic Universe</b> from it's beginning in the Big Bang, through galactic mergers to stellar collisions.</p>
<p><b>Friday</b> 31<sup>st</sup> January 2003</p>	<p><b>Emily Winterburn</b> is the chairperson of the newly formed <b>Society for the History of Astronomy</b>. Tonight she will tell us something about the society and how we can get involved and will tell us a few things about <b>Astronomical History</b> you may not have heard before.</p>
<p><b>Friday</b> 14<sup>th</sup> February 2003</p>	<p>Tonight we welcome back an old friend of the society <b>Greg Smye-Rumsby</b> who will speak about <b>The Solar System</b> in his usual ebullient style.</p>
<p><b>Friday</b> 28<sup>th</sup> February 2003</p>	<p><del>We have managed to entice another of our favourite speakers tonight – <b>Dr Lucie Green</b> from <b>MSSL</b> will tonight explain the effects of the Sun's magnetic field when she speaks about <b>'The Sun's Twisted Mysteries'</b>.</del></p> <p>Unfortunately Lucie Green has moved from MSSL to Cardiff and is no longer able to come and give her talk on 'The Sun's Twisted Mysteries' on the 28th February 2003. We hope she will be able to visit us in the Summer term when her teaching commitments are reduced.</p> <p>As a replacement, another member of MSSL Chris McFee has agreed to come to speak to us about the Sun. He lecture is titled "Solar-B: a new look at the Sun" he will not only tell us something about the Sun but will also describe the work he is doing on the Solar-B mission which is to be launched in 2004.</p>
<p><b>Friday</b> 14<sup>th</sup> March 2003</p>	<p>Following the BBC's attempts to find The Greatest Briton tonight we are going to try to find <b>'The Greatest Astronomer'</b> ever. Members will present the case for their favourites and you will be asked to vote for The Greatest Astronomer'. Join in more details at <a href="http://www.croydonastro.org.uk/thegreatdebate.htm">http://www.croydonastro.org.uk/thegreatdebate.htm</a></p>
<p><b>Friday</b> 28<sup>th</sup> March 2003</p>	<p>We journey deep into our Galaxy tonight when <b>Geoff Keir</b> will present an illustrated talk on <b>Planetary Nebula</b>. The big screen images should be very impressive.</p>
<p><b>Friday</b> 11<sup>th</sup> April 2003</p>	<p>To round of the programme we are hopping across intergalactic space. Tonight <b>Dr Peter Williams</b> will tell us about <b>Supernova – the story of 1987A</b>. This was the nearest recent Supernova and presented a good opportunity for close examination.</p>
<p><b>Friday</b> 25<sup>th</sup> April 2003</p>	<p><b>Annual General Meeting</b> – come and hear how your society has performed in the last year and hear about our plans for a new easier to use telescope at Kenley. You will also have the opportunity to tell us what you wish the society to do in the next year and to volunteer to fill the vacancies on the Committee.</p>
<p><b>Friday</b></p>	<p>Keep up to date with developments - there have been a number of significant astronomical discoveries already this century, these will be</p>

9 <sup>th</sup> May 2003	described by <b>John Murrell</b> in <b>The Key Astronomical Events of the 21<sup>st</sup> Century</b> .
Friday 23 <sup>rd</sup> May 2003	We have managed to entice – <b>Dr Lucie Green</b> back from The University of Glamorgan, tonight she will explain the effects of the Sun's magnetic field when she speaks about ' <b>The Sun's Twisted Mysteries</b> '.
Friday 6 <sup>th</sup> June 2003	One of the major obstacles to Astronomy in this country is the Weather ! Tonight TV Weatherman <b>Alex Deakin</b> will be returning to his roots as an astronomer to tell us what to look for in all those charts to find the perfect night in his lecture ' <b>Weather for Astronomy</b> '
Friday 20 <sup>th</sup> June 2003	Tonight <b>Owen Brazell</b> of The Webb Society will tell us about the our galactic neighbourhood when he speaks about <b>The Local Group of Galaxies</b> .
Saturday 21 <sup>st</sup> June 2002	<b>Mid Summers Night Barbecue</b> at Kenley – ticket prices & more details will be available on the CAS web site nearer the date.
Friday 4 <sup>th</sup> July 2003	Tonight is your opportunity to show your astronomical achievements over the last year in our annual <b>Exhibition Meeting</b> . Expect to see CCD Images, photographs, pictures of the Transit of Mercury and a variety of Astronomical Gadgets.
Friday 18 <sup>th</sup> July 2003	Tonight an number of speakers co-ordinated by <b>Mike Ross</b> will try to answer the question ' <b>Life in the Universe – where are they ?</b> ' Expect to learn about the Drake Equation, prospects for Life on Mars & Europa as well as a few surprises.
Friday 12 <sup>th</sup> September 2003	<b>The A- Z of Astronomy – The Letter A</b> . A series of short lectures by members of the CAS on astronomical topics starting with the letter <b>A</b> .
Friday 26 <sup>th</sup> September 2003	We keep this very quiet but <b>Britain's leads in Space Technology - Pioneering the Micro / Nano Satellite Revolution</b> . A lecture by <b>Dr Craig Underwood</b> of University of Surrey, Surrey Space Centre & Surrey Satellite Technology Ltd.
Friday 10 <sup>th</sup> October 2003	We are pleased to welcome back <b>Dr Andrew Coates</b> of the Mullard Space Science Laboratory, UCL who is the Principal Investigator for the Camera System on Beagle 2. In preparation for the Christmas Landing he is going to speak on ' <b>Looking for life on Mars with Mars Express and Beagle 2</b> '
Friday 24 <sup>th</sup> October 2003	You may have seen <b>Greg Smye-Rumsby</b> on television on <b>Time Team's Big Dig</b> , Tonight we welcome him back to speak about Astro Archaeology when he will tell us about <b>The Craig Telescope &amp; his excavations to find the remains</b> .
Friday 7 <sup>th</sup> November 2003	Tonight <b>Graeme Coates</b> will take us to some of the most Energetic Places in the Universe in his lecture on <b>Quasars, Blazars &amp; Active Galactic Nuclei</b> . Watch out for the Black Holes !
Friday 21 <sup>st</sup> November 2002	We have great pleasure in welcoming <b>Guy Hirst</b> , the President of The BAA and the lynch pin of The Astronomer. Tonight he will review the history of hunting for energetic objects in the sky in his lecture ' <b>The Search for Novae and Supernovae, from visual to laptop</b> '
Friday 5 <sup>th</sup> December	In preparation for Beagle 2's landing on Mars we have persuaded <b>Geoff Keir</b> to make use of a little of his professional expertise when he speaks

<b>2003</b>	about ' <b>The Search for Life on Mars</b> '. Assuming there are no little green men in the pictures he will describe what signs of life we may find.
<b>Friday 19<sup>th</sup> December 2003</b>	It's time again for our <b>Christmas Special Meeting</b> – The theme this year has to be <b>Mars</b> . Expect some informal talks, a quiz, an opportunity to meet your friends and a surprise or two ! Bring some food & drinks to share to make the evening one to remember.
<b>Friday 9<sup>th</sup> January 2004</b>	<b>Beagle 2</b> is due to land on <b>Mars</b> on Christmas day followed shortly after by the <b>NASA Spirit rover</b> . Come and hear the latest results from both these missions.
<b>Friday 23<sup>rd</sup> January 2004</b>	<b>Jerry Workman</b> trekked to the far north of Iceland to view the 2003 Annular Eclipse of the sun. Tonight he will be showing us some of the images of the eclipse as well as some pictures of Iceland.
<b>Friday 6<sup>th</sup> February 2004</b>	The time has come for another <b>introduction to astronomy</b> – tonight we have several short talks about astronomical subjects all beginning with the <b>letter B</b> .
<b>Friday 20<sup>th</sup> February 2004</b>	We are now 3 years into the 21 <sup>st</sup> Century – tonight <b>John Murrell</b> will review which of the many Astronomical discoveries that have been announced this century will stand the test of time.
<b>Friday 5<sup>th</sup> March 2004</b>	Tonight we visit the southern skies when <b>Konrad Malin-Smith</b> tells us about the <b>Clouds of Magellan</b> .
<b>Friday 19<sup>th</sup> March 2004</b>	Tonight we have a historic interlude when our Senior Trustee <b>Keith Brackenborough</b> will speak on <b>The development of The Calendar</b> .
<b>Friday 2<sup>nd</sup> April 2004</b>	The Leonids are perhaps the best studied Meteor Shower. Tonight <b>Neil Bone</b> will be telling us what has been learnt from the recent showers.
<b>Friday 16<sup>th</sup> April 2004</b>	<b>Venus will transit the face of the Sun</b> on 8 <sup>th</sup> June – tonight's meeting is dedicated to ensuring that you are prepared for this rare event.
<b>Friday 30<sup>th</sup> April 2004</b>	<b>Annual General Meeting</b> – come and here what has happened in your society and provide your input into our plans for next year. <b>Open to members only</b> .
<b>Friday 14<sup>th</sup> May 2004</b>	<b>Arcturus –a visitor to our locality ? by John Murrell</b>
<b>Friday 28<sup>th</sup> May 2004</b>	How to detect a Solar Flare by <b>Louise Harra</b> of MSSSL. There have been a lot of recent advances in understanding of Solar Flares – this should help us get up to date.
<b>Tuesday 8<sup>th</sup> June 2004  Time 06:00</b>	Transit of Venus at Kenley – come and see the transit live – we will be there from very early to setup – more details on the web site – Transit of Venus Page.
<b>Friday 11<sup>th</sup> June 2004</b>	<b>Tony Sizer</b> will continue our Solar Theme with a talk titled ' <b>When the Sun lost it's spots</b> '.
<b>Friday 25<sup>th</sup> June 2004</b>	A new era for Amateur Astronomers – Tonight <b>Dr Lucie Green</b> of The Faulkes telescope project will tell us about the Faulkes Telescope project and tell you how you can get access to a 2m class telescope located at two of the worlds best observing sites.
<b>Friday</b>	<b>Annual Exhibition Meeting</b> – come and show us what you have

<b>9<sup>th</sup> July 2004</b>	observed this year – we should also have the results from the transit of Venus – Weather Permitting !
<b>Friday</b> <b>10<sup>th</sup> September 2004</b> {John Murrell}	Everything you wanted to know about Pulsars but were afraid to ask by <b>John Murrell</b> .
<b>Friday</b> <b>24<sup>th</sup> September 2004</b> {Derik Palmer}	Tonight are welcoming a new lecturer to the society, <b>Dr Serena Viti</b> of University College London will be telling us about interstellar matter. This material gets in the way of optical astronomers but without which we would not be here.
<b>Friday</b> <b>8<sup>th</sup> October 2004</b> {Paul Harper}	Cosmology for the Terrified by <b>Dr Chris Lintott</b> of University College London & The Sky at Night.
<b>Friday</b> <b>22<sup>nd</sup> October 2004</b> {Mike Ross}	The evolution of our galaxy The Milky Way by <b>Roy Easto</b> organized by Mike Ross
<b>Friday</b> <b>5<sup>th</sup> November 2004</b> {Kevin Phillips}	Tonight we have the next in our Alphabet Soup of Astronomy. <b>Kevin Phillips</b> will be hosting 4 speakers who will give you a diverse set of talks all beginning with the letter C. Will Cosmology or Canis Major star tonight ?
<b>Friday</b> <b>19<sup>th</sup> November 2004</b> {Steve Sumner}	One of our favourite speakers <b>Greg Smye-Rumsby</b> returns tonight when he will explain what we hope to discover with Messenger – Mission to Mercury.
<b>Friday</b> <b>3<sup>rd</sup> December 2004</b> {John Murrell}	Ex CAS member <b>Dr. John Murray</b> from the Open University is returning to his roots when he returns to Croydon to tell us about the latest results from Mars Express.
<b>Friday</b> <b>17<sup>th</sup> December 2004</b> {Dave Burfoot}	Bring some food & drink to share with your friends for our Christmas Party. <b>Dave Burfoot</b> is organising some astronomical entertainment to challenge and entertain you.
<b>Friday</b> <b>7<sup>th</sup> January 2005</b> {Brian Allaker}	<b>Catherine Brocksopp</b> of MSSL - <b>Observing Black Holes</b> what we can learn from the radio, X-Ray & Optical Emissions featuring some of the latest results from XMM-Newton
<b>Friday</b> <b>21<sup>st</sup> January 2005</b> {Mike Ross}	<b>Ken Harrison</b> will tell us all about those beautiful but enigmatic & transient objects Planetary Nebula
<b>Friday</b> <b>4<sup>th</sup> February 2005</b> {Steve Sumner}	Tonight our meeting has an historical theme – <b>Gilbert Satterthwaite</b> who was one of the last Observers at the Royal Greenwich Observatory will give us an <b>updated view of Sir George Airy</b>
<b>Friday</b> <b>18<sup>th</sup> February 2005</b> {Ray Bailey}	Our resident Astronomer <b>Ray Bailey</b> was scheduled to talk on the CAS expedition to view the Transit of Venus but this had to be postponed due to technical problems with the presentation. In place of this we had an extended short talk, a talk on our new telescope and a talk on Vision for Astronomy by John Murrell.
<b>Friday</b> <b>4<sup>th</sup> March 2005</b> {Dave Burfoot}	<b>White Dwarfs</b> are the remnants of dead stars condemned to cooling down and lasting until eternity. Tonight <b>Konrad-Malin Smith</b> will describe the life cycle of these stellar remnants.
<b>Friday</b> <b>18<sup>th</sup> March 2005</b> {Brian Allaker}	Tonight we have a lecture by one of our favourite speakers <b>Geoff Keir</b> who tonight has abandoned astrobiology and will tell us about the <b>Life &amp; Times of Globular Clusters</b> .
<b>Friday</b> <b>1<sup>st</sup> April 2005</b> {Paul Harper}	Tonight we welcome <b>Paul Money</b> back to the CAS, he will give us a <b>tour of the outer Gas Giants Neptune &amp; Uranus</b> .

<b>Friday</b> <b>15<sup>th</sup> April 2005</b> {John Murrell on behalf of Kevin Phillips}	We welcome a new speaker to the CAS <b>Dr. Cesar Bertucci</b> of Imperial College who will be speaking on " <b>Latest observations from the Cassini / Huygens mission to Saturn and Titan</b> "
<b>Friday</b> <b>29<sup>th</sup> April 2005</b>	<b>Annual General Meeting</b> – open to those members who have given a completed membership form to the membership secretary by the 18 <sup>th</sup> March 2005 only. Listen to what we have achieved this year and share your ideas for next year with the new committee. More details of the arrangements on our web site.
<b>Friday</b> <b>13<sup>th</sup> May 2005</b> {Ray Bailey}	To celebrate the first anniversary of The Transit of Venus <b>Ray Bailey</b> will tell us about the <b>CAS Expedition to view the transit.</b>
<b>Friday</b> <b>27<sup>th</sup> May 2005</b> {Nick Parker}	There has been a change to tonight's programme. Tonight one of our favourite speakers <b>Dr Lucie Green</b> of MSSL will be telling us about <b>10 Years of Soho</b> ! This is your opportunity to discover what we have learnt about the Sun in the past 10 years. One not to be missed !!
<b>Friday</b> <b>10<sup>th</sup> June 2005</b> {John Murrell}	GAIA is the European Mission to conduct a census of one thousand million stars in our Galaxy. Tonight we welcome back <b>Mark Cropper</b> of MSSL who will tell us about <b>ESA's Gaia Mission - more than you had bargained for.</b>
<b>Friday</b> <b>24<sup>th</sup> June 2005</b> {Derik Palmer}	Tonight Dr Andreas Morlok of the Natural History Museum will be letting us into the secrets of the formation of the Solar System, the Moon & Mars when he speaks about meteorites.
<b>Friday</b> <b>8<sup>th</sup> July 2005</b> {CAS Astronomer}	Tonight is our <b>Annual Exhibition Meeting</b> – this is your opportunity to show the other members what you have achieved in the past year. Bring your images, observations, drawings or other work and share it with us.
<b>Friday</b> <b>9<sup>th</sup> September 2005</b>	<b>D for Astronomy</b> several speakers from our society will give short talks on a diversity of astronomical subjects all connected by beginning with the letter D.
<b>Friday</b> <b>23<sup>rd</sup> September 2005</b>	Tonight <b>Robin Gorman</b> is visiting us from The Hampshire Astronomical Group; he will tell us about how we need our astronomical neighbour in his talk on <b>The Vital Moon.</b>
<b>Friday</b> <b>7<sup>th</sup> October 2005</b>	You may have seen <b>Nik Szymanek's</b> book Infinity Arising or seen his pictures on the web. Tonight Nik will tell us how he has used the <b>Faulkes Telescope</b> to produce some of these images.
<b>Friday</b> <b>21<sup>st</sup> October 2005</b>	It is a pleasure to welcome back <b>Jerry Workman</b> to the society, his mission tonight is to update us on the latest results from <b>Cassini's tour of Saturn.</b>
<b>Friday</b> <b>4<sup>th</sup> November 2005</b>	Solar Eclipses are not only beautiful but tell us about the outer structure of the Sun. Tonight <b>Paul Coleman</b> will share his <b>Eclipse Experiences</b> with us.
<b>Friday</b> <b>18<sup>th</sup> November 2005</b>	After a long absence we are welcoming <b>Robin Scagell</b> back to the society, tonight he will tell us how we can observe despite the light pollution in his lecture on <b>City Astronomy.</b>
<b>Friday</b> <b>2<sup>nd</sup> December 2005</b>	Astronomers do not only use visible light to determine the secrets of the Universe. Tonight <b>John Murrell</b> will describe how <b>Radio Astronomy is the key to the invisible Universe.</b>
<b>Friday</b> <b>16<sup>th</sup> December 2005</b>	Christmas is fast approaching so tonight we will have our <b>traditional party.</b> Bring some <b>food &amp; drink</b> to share and we will provide some

	seasonal <b>astronomical entertainment</b> for you.
<b>Friday 6<sup>th</sup> January 2006</b>	Tonight's talk is close to home – <b>Matthew Hepburn</b> will be speaking on Meteorites and Long Life Continental Fragments
<b>Friday 20<sup>th</sup> January 2006</b>	We are pleased to welcome back <b>Dr Andrew Coates</b> from MSSL, this talk will update us on the latest results from the <b>Deep Impact Mission</b>
<b>Friday 3<sup>rd</sup> February 2006</b>	One of our favourite speakers <b>Konrad Malin Smith</b> has tonight descended from his asteroid and will be speaking to us about <b>The Message of Starlight</b> .
<b>Friday 17<sup>th</sup> February 2006</b>	There will be several short lectures tonight all joined by <b>starting with the letter E</b> . Subjects may cover the spectrum from The Eagle Nebula to Eye Relief.
<b>Friday 3<sup>rd</sup> March 2006</b>	The lecture tonight takes a broader perspective when <b>James Fradgley</b> of Wessex Astronomical Society examines <b>Life in the Universe</b>
<b>Friday 17<sup>th</sup> March 2006</b>	Star Clusters are important diagnostic tools of Galaxies. Tonight <b>Guy Hurst</b> from The Astronomer will speak to us about <b>The Glory of Star Clusters</b>
<b>Friday 31<sup>st</sup> March 2006</b>	Tonight one of our regular speakers <b>Alan Drummond</b> will investigate <b>the legacy of William Hershel</b> .
<b>Friday 21<sup>st</sup> April 2006</b>	The evolution of stars over their life has been a key interest for astronomers. Tonight <b>Tony Sizer</b> will describe the life history of different types of stars using the Hertzsprung-Russell diagram.
<b>Friday 5<sup>th</sup> May 2006</b>	Two Key events occur in the societies year tonight. First is our <b>Annual General Meeting</b> where you can contribute your ideas to the societies future after the formal part of the meeting. It is also the 50 <sup>th</sup> anniversary of the formation of the CAS today so we may have a celebration after the AGM ! <b>The AGM is only open to members</b> .
<b>Friday 19<sup>th</sup> May 2006</b>	We welcome a new speaker to the CAS <b>John Kemp</b> who is going to speak about ' <b>Meteor-induced Synaesthesia and other Adventures in Astronomy</b> '.
<b>Friday 2<sup>nd</sup> June 2006</b>	No meeting due to the SAGAS / CAS meeting tomorrow
<b>Saturday 3<sup>rd</sup> June 2006 All Day</b>	CAS 50 <sup>th</sup> Anniversary / SAGAS Summer meeting at the Royal Russell School. Starting at 10:00 and ending around 18:00. For details see our web site or separate publicity. <b>This is a ticket only event</b> .
<b>Friday 16<sup>th</sup> June 2006</b>	A Number of CAS members are going to see the March 2006 Solar Eclipse. Tonight they will share their experiences with us in ' <b>The Great North African/Turkey Eclipse Experience</b> '.
<b>Friday 30<sup>th</sup> June 2006</b>	There are many new developments announced in astronomy each year. Tonight <b>John Murrell</b> will tell us about the key events in the last year.
<b>Friday 14<sup>th</sup> July 2006</b>	In keeping with tradition, our last meeting of this term is our <b>Annual Exhibition Meeting</b> . Tonight is your opportunity to show the other members what astronomical achievements you have made. Bring your images, slides, photographs, gadgets or anything else astronomical and be prepared to entertain us all.
<b>Friday 8<sup>th</sup> September 2006</b>	A continuation from our 50 <sup>th</sup> anniversary meeting of Keith Brackenborough's history of the CAS, lots of slides showing the early days of the society.

<b>Friday 22nd September 2006</b>	Tonight Mike Maunder returns from the dark skies of Alderney to enlighten us on the effects of volcanoes on Astronomy
<b>Friday 6th October 2006</b>	We return tonight to our medley of astronomical topics all starting with the letter F. Plenty of topics to chose from so you will have to attend to find out each of the speakers favourites.
<b>Friday 20th October 2006</b>	We welcome back one of our favourite lecturers, Konrad Malin-Smith. His subject tonight will be Particles in the Universe.
<b>Friday 3rd November 2006</b>	Tonight we have the Chairman's annual lecture, Paul Harper will introduce us to the mysteries of The Sun, our local star.
<b>Friday 17th November 2006</b>	Many people have tried the Messier Marathon but few have succeeded. Tonight Paul Money will explain how he overcame the challenges and became the first UK observer to complete the marathon in one night.
<b>Friday 1st December 2006</b>	Fronts, Air Masses and Jet Streams are all important to the visual astronomer. Tonight John Murrell will describe how these effect our observing conditions and how to find information about them from the Internet and just looking at the sky.
<b>Friday 15th December 2006</b>	To finish the year we have our annual Christmas Party. Bring some food & drink to share and we will entertain you with some seasonal entertainment with an Astronomical flavour.
<b>05 January 2007</b>	Speaker Various CAS - Subject G for Astronomy
<b>19 January 2007</b>	Speaker Jerry Workman – Subject Mars
<b>02 February 2007</b>	Speaker Various CAS – Subject 3 or 4 short talks
<b>16 February 2007</b>	Speaker Geoff Keir – Subject How Big is the Universe ?
<b>02 March 2007</b>	Speaker Alan Drummond – Subject The Great Galaxy in Andromeda
<b>16 March 2007</b>	Speaker Various CAS – Subject Types of Telescopes
<b>30 March 2007</b>	Speaker Dr. Edward Lloyd-Davies - Subject Space Telescopes
<b>Friday 20<sup>th</sup> April 2007</b>	Tonight <b>Tony Sizer</b> will present an innovative lecture when he tells us about <b>Ghosts, Poltergeists and the Law of Gravity</b> .
<b>Friday 4<sup>th</sup> May 2007</b>	<b>Annual General Meeting</b> – come and listen to what the Committee have achieved with the support of the members in the last year. Only members may speak at the AGM but everyone is welcome to participate in the open forum after the AGM
<b>Friday 18<sup>th</sup> May 2007</b>	We return tonight to our medley of astronomical topics all starting with the letter H. Plenty of topics to chose from so you will have to attend to find out each of the speakers favourites.
<b>Friday 1<sup>st</sup> June 2007</b>	Weather permitting <b>John Murrell</b> with your assistance is going to <b>build a replica Solar System</b> in the grounds of the Royal Russell school. Come and discover how empty the Solar System is, how slow the speed of light is, the difficulties of long distance space communication, and observe most of the 'planets' in one night.
<b>Friday 15<sup>th</sup> June 2007</b>	If you are interested in long distance travel come and listen to

	<b>Roy Easto</b> when he tells us all about <b>Space Flight</b> .
<b>Friday 29<sup>th</sup> June 2007</b>	The ever popular <b>Konrad Malin-Smith</b> returns to the stage to tell us all about <b>Supernovae</b> .
<b>Friday 13<sup>th</sup> July 2007</b>	Our <b>exhibition meeting</b> is your opportunity to show other members your astronomical achievements in the last year. Bring along your pictures, images, drawings, equipment or software and be prepared to talk about it to the members.
<b>Friday 7<sup>th</sup> September 2007</b>	To open the autumn term we have invited <b>Greg Smye-Rumsby</b> back, tonight he will be showing us <b>the Universe in 3D</b> . Don't miss this one ! If you have 3D Glasses with different coloured lenses please bring them.
<b>Friday 21<sup>st</sup> September 2007</b>	Tonight a subject that concerns us all – climate change. <b>James Fradgley</b> of Wessex AS will explain some of <b>the astronomical causes of climate change</b> .
<b>Friday 5<sup>th</sup> October 2007</b>	For the 50 <sup>th</sup> anniversary of the space programme <b>Paul Harper</b> will review the <b>early Soviet Space Programme</b> and explain how they beat the Americans into space.
<b>Friday 19<sup>th</sup> October 2007</b>	G2 stars are not the only place that may harbour life. <b>Martin Heath's</b> lecture will explain about <b>habitable worlds on planets orbiting Red Dwarf stars</b> and habitable moons.
<b>Friday 2<sup>nd</sup> November 2007</b>	The universe is a violent place but most of the events are hidden by the Earth's atmosphere. In <b>The High Energy Universe</b> <b>John Murrell</b> will tell us about those events that are best viewed in UV, X-Rays or Gamma Rays
<b>Friday 16<sup>th</sup> November 2007</b>	Tonight we welcome back a past member of the Society <b>Emma Walker</b> who is currently working on her PhD at Oxford. Her lecture will describe her work with <b>The SuperNova Legacy Survey (SNLS)</b>
<b>Friday 30<sup>th</sup> November 2007</b>	Tonight a new speaker to the CAS <b>Laura Bone</b> from MSSL will speak about the latest observations of the Sun from the photosphere to the Solar wind and the way it affects the Earth and other planets in a lecture <b>Living in a Star – The Sun Earth Connection</b> .
<b>Friday 14<sup>th</sup> December 2007</b>	For our <b>Christmas Meeting</b> we will provide some Astronomical Entertainment , please bring some food & drinks to share with your friends
<b>Friday 4<sup>th</sup> January 2008</b>	As Paul Harper was unable to give this lecture it was replaced by a Timeshift version of <b>Weather for Astronomy</b> by <b>John Murrell</b> .
<b>Friday 18<sup>th</sup> January 2008</b>	A CAS Special tonight's lecture will consist of a <b>number of short talks</b> on astronomical subjects – all joined by <b>starting with the letter I</b> . There are lots of choices – why not volunteer to speak about your favourite ?
<b>Friday</b>	Tonight we welcome back <b>Professor Andrew Coates</b> of

<b>1<sup>st</sup> February 2008</b>	MSSL to the society who as one of the key investigators for Venus Express is in a unique position to tell us how <b>Venus Express</b> has changed our view of Venus.
<b>Friday 15<sup>th</sup> February 2008</b>	One period of astronomical history that does not get much coverage is the Viking era. Tonight <b>Martin Lunn</b> will tell us how the Vikings used astronomy to aid them on their great explorations of the North Atlantic.
<b>Friday 29<sup>th</sup> February 2008</b>	<a href="#">(Lecture Moved)</a> It is now over 50 years since the Soviets launched Sputnik, to celebrate the 50 <sup>th</sup> anniversary of the space programme <b>Paul Harper</b> will review the <b>early Soviet Space Programme</b> and explain how they beat the Americans into space.
<b>Friday 14<sup>th</sup> March 2008</b>	The introduction of 35mm film & SLR cameras revolutionised amateur astro-photography. This technology has only recently been superseded by Digital SLR cameras. For our final meeting of the term <b>Alan Drummond</b> will tell us about his experiences of <b>35mm astro-photography over the last 35 years.</b>
<b>Friday 4<sup>th</sup> April 2008</b>	<b>Konrad Malin-Smith</b> is visiting the start of time tonight when he speaks to us about <b>'The beginning of the Universe'</b>
<b>Friday 18<sup>th</sup> April 2008</b>	<b>Digital Imaging Night</b> – a series of talks by CAS members on how to image the night sky using digital cameras and the advantages and disadvantages of the three main types of Digital Camera
<b>Friday 2<sup>nd</sup> May 2008</b>	Tonight is the <b>Annual General Meeting</b> of the society. Come and hear how we have done in the last year and in the post AGM discussion contribute your ideas for the future. You can also volunteer to help.
<b>Friday 16<sup>th</sup> May 2008</b>	Tonight we welcome <b>Professor Janet Drew</b> from The University of Hertfordshire who is going to speak on <b>IPHAS: the Hydrogen Alpha Survey of the Northern Galactic Plane.</b>
<b>Friday 30<sup>th</sup> May 2008</b>	Will it be Jupiter, Julian Date, Jeans Length, Jet-X or something more obscure ? Come to listen to our lectures on <b>J for Astronomy</b> to find out.
<b>Friday 13th June 2008</b>	<b>Alan Drummond</b> will show us his best astronomical images that he has taken during the last 35 years.
<b>Friday 27th June 2008</b>	Tonight we will have a number of activities aimed at our less experienced observers. Come and listen or else volunteer to share your knowledge by speaking or demonstrating some equipment.

<b>Friday 11th July 2008</b>	To end the year we have our <b>Annual Exhibition Meeting</b> . This is your opportunity to show the other members your Astronomical Achievements in the last year.
<b>Friday 5<sup>th</sup> September 2008</b>	To open our new season we are delighted to welcome back <b>Greg Smye-Rumsby</b> who will speak about aspects of the moon in his talk <b>Bits &amp; Bobs</b> . Bound to be an entertaining and informative lecture.
<b>Friday 19<sup>th</sup> September 2008</b>	Unfortunately Gilbert Satterthwaite is unable to attend to give his lecture on Airy's Positional Instruments. As a replacement <b>John Murrell</b> will speak about ' <b>The Life and Death of Stars</b> '
<b>Friday 3<sup>rd</sup> October 2008</b>	Tonight we make a leap to the distant reaches of our Galaxy when <b>Tony Sizer</b> tells us all about <b>Supernovae, Neutrons and Little Green Men</b> .
<b>Friday 17<sup>th</sup> October 2008</b>	<del>Tonight <b>Anton Vamplew</b> is joining us to give us a lecture on <b>Space Crisps &amp; Nuts</b>. An intriguing title for what promises to be an interesting &amp; entertaining lecture.</del>  Unfortunately Anton has been asked by the BBC to appear on a TV programme from the (broken) LHC at CERN so is not able to speak to us tonight. As a replacement Paul Harper will be speaking on 'Our Local Star The Sun and will tell us how it effects us here on Earth.
<b>Friday 31<sup>st</sup> October 2008</b>	Tonight is our <b>Annual Exhibition Meeting</b> (postponed from last term). Bring examples of your Astronomical work from the last 18 months and show us all what you have achieved.
<b>Friday 14<sup>th</sup> November 2008</b>	Can <b>Gamma Ray Bursts end life on Earth</b> ? Tonight <b>John Murrell</b> will explain how Gamma Ray were discovered, what we know about them and what risk they pose to us.
<b>Friday 28<sup>th</sup> November 2008</b>	<b>2008 Solar Eclipse Special – Konrad Malin-Smith</b> travelled to China to view the Solar Eclipse. Tonight he will be sharing his experiences with us.
<b>Friday 12<sup>th</sup> December 2008</b>	Tonight is our <b>Christmas Meeting</b> – bring some food and drink to share with your friends and we will provide some seasonal entertainment.
<b>Friday 9<sup>th</sup> January 2009</b>	Will it be Kepler, K Type Stars, Kellner Eyepieces or perhaps KREEP? Tonight we have a series of short talks all on subjects beginning with the letter K. A good way for new speakers to break the ice – contact Paul Harper if you want to speak.
<b>Friday 23<sup>rd</sup> January 2009</b>	<b>Revised Lecture:</b> Tonight is your opportunity to learn about Astro-imaging or just enjoy the images when <b>Nik Szymanek</b> visits us to speak about <b>Photographing the Night Sky</b>

<p style="text-align: center;"><b>Friday 6<sup>th</sup> February 2009</b></p>	<p><del><b>Revised Lecture:</b> Tonight we go back many billion years when <b>Konrad Malin-Smith</b> takes us back to the beginning of the Universe when he speaks on <b>Redshift Galaxies and the Early Universe.</b></del></p> <p>This lecture was cancelled due to snow and ice making conditions unsafe at the Royal Russell School. It will be rescheduled later in the year.</p>
<p style="text-align: center;"><b>Friday 20<sup>th</sup> February 2009</b></p>	<p>Space History takes the centre stage tonight when <b>Jerry Workman</b>, reviews the Apollo Space Programme. Was it really 40 years ago ?</p>
<p style="text-align: center;"><b>Friday 6<sup>th</sup> March 2009</b></p>	<p>Tonight Captain Cosmos also known as <b>Anton Vamplew</b> is stepping out of his spaceship to speak to us about '<b>Space, Crisps &amp; Nuts</b>'. Should be an interesting and entertaining talk.</p>
<p style="text-align: center;"><b>Friday 20<sup>th</sup> March 2009</b></p>	<p>For nearly 5 years the Cassini Mission to Saturn &amp; Titan has been producing new scientific results and interesting images. Tonight <b>Roy Easto</b> will describe some of the results in '<b>Cassini's Great Voyage</b>'.</p>
<p style="text-align: center;"><b>Friday 3<sup>rd</sup> April 2009</b></p>	<p>For our final lecture of the term we return closer to home. We are please to welcome <b>Stuart Clark</b> who will talk to us about the discoveries about the Sun in the 19th and early 20th Centuries when he speaks about the '<b>Sun Kings</b>'.</p>
<p style="text-align: center;"><b>Friday 24th April 2009</b></p>	<p>Tonight Tony Sizer will take us for a trip into deep space when he speaks about Galaxies beyond the Milky Way.</p>
<p style="text-align: center;"><b>Friday 8th May 2009</b></p>	<p>CAS AGM, listen to what the committee have achieved in the last year and their plans for next year. Don't forget that we need your help to keep the society running.</p>
<p style="text-align: center;"><b>Friday 22nd May 2009</b></p>	<p>Tonight we go back many billion years when Konrad Malin-Smith takes us back to the beginning of the Universe when he speaks on Redshift Galaxies and the Early Universe. This lecture has been re-scheduled from 22nd February due to heavy snow.</p>
<p style="text-align: center;"><b>Friday 5th June 2009</b></p>	<p>Our Summer special, tonight we welcome back Louise Harra from MSSL who will tell us about the latest research on our local star The Sun.</p>
<p style="text-align: center;"><b>Friday 19th June 2009</b></p>	<p>Another in our series of Letter for Astronomy Lectures tonight we reach the letter L . There will be 3 or 4 short talks by members all on astronomical subjects starting with the letter L.</p>

<b>Saturday 20th June 2009</b>	CAS Visit to The Solar System at Otford in Kent. Exact times are to be confirmed but we will probably meet in the morning – tear round the Solar System at above the speed of light and then have lunch in the pub. If possible we will organise a visit to the museum which has more information on the model. We will not be visiting Proxima Centuri or other nearby stars !
<b>Friday 3rd July 2009</b>	The 40th Anniversary of Apollo 11 special – what are your memories of this ‘Giant Leap for Mankind’ ?
<b>Friday 17th July 2009</b>	The Annual CAS Exhibition meeting, this is your chance to show your friends your Astronomical Achievements in the last year. Bring images, equipment or videos or just talk to us about what you have been doing.
<b>Friday 11<sup>th</sup> September 2009</b>	Tonight <b>James Fradgley</b> will tell us about one of the favourites of observers over the years when he speaks to us about <b>variable stars</b> .
<b>Friday 25<sup>th</sup> September 2009</b>	<b>Greg Smye-Rumsby</b> will show us what the <b>Universe looks like if you were able to view it in 3D</b> – one not to be missed.
<b>Friday 9<sup>th</sup> October 2009</b>	Tonight <b>Keith Brackenborough</b> will look back to the <b>1973 Total Eclipse</b> . You may have seen the film of Keith & Patrick Moore on the ship.
<b>Friday 23<sup>rd</sup> October 2009</b>	<b>Astrophotography with a difference</b> is the subject of tonight's lecture by <b>Mike Maunder</b> .
<b>Friday 6<sup>th</sup> November 2009</b>	The latest in our series of <b>short talks on astronomical subjects</b> – tonight they <b>all start with the letter M</b> . It could be Metals, Mercury or Messier or something quite different.
<b>Friday 20<sup>th</sup> November 2009</b>	Your computer allows you to access a vast amount of data from professional observatories with a few clicks of your mouse. Tonight <b>John Murrell</b> will update us with the progress in building <b>The Virtual Observatory</b> and explain how you can use it.
<b>Friday 4<sup>th</sup> December 2009</b>	Tonight <b>Konrad Malin-Smith</b> will tell us all about the force that pervades the whole Universe – <b>Gravity</b> . It's the glue that holds the Universe together !
<b>Friday 18<sup>th</sup> December 2009</b>	<b>Christmas Party</b> – bring some snacks and drinks to share with your friends and we will provide some seasonal entertainment with an astronomical bias.
<b>Friday 8<sup>th</sup> January 2010</b>	Tonight <b>John Murrell</b> will enlist your help in describing which <b>Stellar Properties we can measure</b> and what this tells us about Arcturus and other stars in the same group.

<b>Friday 22<sup>nd</sup> January 2010</b>	<b>Paul Money</b> will take us on a trip to the Top of the World – Travelling to the North Pole by Russian Nuclear Submarine and watching an eclipse.
<b>Friday 5<sup>th</sup> February 2010</b>	For a change we are going to have an ' <b>Ask an Astronomer</b> ' evening. To allow us to research the answers please submit your questions prior to the meeting by email to 'AskAnAstronomer@CroydonAstro.org.uk or use the forms at the meeting. Questions are welcome on subjects from Telescopes to Cosmology.
<b>Friday 19<sup>th</sup> February 2010</b>	Tonight <b>John Axtell</b> from Guildford Astronomical Society will take a historic look at the space race when he speaks to us about ' <b>Sputnik in Context</b> '
<b>Friday 5<sup>th</sup> March 2010</b>	The Sun has been very quite recently but that has not stopped the research. Tonight <b>Dr. Lucie Green from MSSL / UCL</b> will tell us about the latest results from the <b>Japanese Hinode Solar mission</b> and how the UK is involved.
<b>Friday 19<sup>th</sup> March 2010</b>	Postponed from last term, tonight <b>Konrad Malin-Smith</b> will tell us all about the force that pervades the whole Universe – <b>Gravity</b> . It's the glue that holds the Universe together !
<b>Friday 16th April 2010</b>	Life, The Universe and everything, tonight Tony Sizer will give us 'A Chemists View of Life'
<b>Friday 30th April 2010</b>	N for Astronomy a series of short talks by members. From Nadir to Nutation there is plenty of choice – come along to see what is on the menu.
<b>Friday 14th May 2010</b>	Changed Lecture: Tonight we welcome Professor Andrew Coates from MSSL who will update us with some of the latest results from the Cassini Mission
<b>Friday 28th May 2010</b>	AGM – This is only open to signed up members
<b>Friday 11th June 2010</b>	Note Changed Date: Specially for our less experienced members Richie Jarvis will be speaking on 'An Introduction to Astronomy'
<b>Friday 25th June 2010</b>	<b>Paul Money</b> will take us on a trip to the Top of the World – Travelling to the North Pole by Russian Nuclear Submarine and watching an eclipse.
<b>Friday 9th July 2010</b>	Tonight Paul Harper will share his experiences of observing in Australia and New Mexico using Robotic Telescopes
<b>Friday 23rd July 2010</b>	Exhibition Meeting – Your opportunity to share what you have achieved in the past year with the other members.
<b>Friday 10th September 2010</b>	Tonight Paul Harper will share his experiences of observing in Australia and New Mexico using Robotic Telescopes

<b>Friday 24th September 2010</b>	The main Lecture will be given by Konrad Malin-Smith on Hydrogen
<b>Friday 8th October 2010</b>	Tonight by popular request we have a return of Ask an (amateur) Astronomer please submit your questions by the 25th September to: <a href="mailto:AskAnAstronomer2010@CroydonAstro.org.uk">AskAnAstronomer2010@CroydonAstro.org.uk</a>
<b>Friday 22nd October 2010</b>	Tonight <a href="#">Dr. Emily Baldwin</a> of <a href="#">Astronomy Now</a> and <a href="#">The SPA</a> will be speaking about An Impact Cratering Tour of the Solar System.
<b>Friday 5th November 2010</b>	The Sky's the Limit - an evening devoted to Astronomy Software in Particular Planetarium Programmes. Please bring your favourite programme on a computer if possible and be prepared to demonstrate it.
<b>Friday 19th November 2010</b>	Astronomy near home - tonight Dr Robert Massey of The Royal Astronomical Society will be speaking to us about Exploring the Moon.
<b>Friday 3rd December 2010</b>	<b>Postponed due to Snow &amp; Ice at School &amp; roads</b> <del><a href="#">John Murrell</a> will be speaking on 'OB Stars - the brightest stars in the sky' This will look at the astrophysics of massive stars, their life and their distribution in the Milky Way and beyond.</del>
<b>Friday 17th December 2010</b>	Christmas Entertainment & Party. Please bring some food & drink to share with your friends.
<b>Friday 7th January 2011</b>	<a href="#">John Murrell</a> FRAS will be speaking on 'OB Stars - the brightest stars in the sky' This will look at the astrophysics of massive stars, their life and their distribution in the Milky Way and beyond.