

Space Group Conference



YURI GAGARIN'S LEGACY

50 YEARS ON - SECURING THE VISION
FOR THE NEXT HALF CENTURY

LONDON / 16 MARCH 2011



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A ONE-DAY CONFERENCE

YURI GAGARIN'S LEGACY

50 YEARS ON - SECURING THE VISION FOR THE NEXT HALF CENTURY

On the 12 April 1961, Vostok 1 lifted off from the Baikonur Cosmodrome (Tyuratam) in Kazakhstan with cosmonaut Major Yuri Alekseyevich Gagarin on board. Gagarin was the first human being to leave the Earth's atmosphere, and although his flight was to last only 1 hour 48 minutes, circling the Earth just once, it provoked important political, social, cultural and technical changes, and changed humanity's perspective of its place on Earth forever.

The fiftieth anniversary of this flight provides an opportunity for a conference combining elements of historical review, assessment of the social and cultural impact of the event in the UK, Russia, and worldwide, and consideration of areas of scientific endeavour of common interest to both Russia and the West. The anniversary occurs as the long term objectives and strategy for human spaceflight are being questioned in both Russia and the West, making this an appropriate moment to revisit that first flight.



VENUE

RAeS Headquarters

No.4 Hamilton Place, London W1J 7BQ, UK

Organised by the RAeS Space Group.

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Proceedings

Proceedings from this event are free to delegates. If you are unable to attend and would like to purchase a copy, then additional copies can be purchased from the Royal Aeronautical Society or by completing the registration form below. Information on past conferences

can be found at www.aerosociety.com/proceedings.

Sponsorship & Exhibition

Please contact the Conference & Events Department for details on exhibiting, sponsorship and insertion of information into delegate packs.

Cancellations

In the event of cancellation, terms and conditions will apply. Please go to www.aerosocietychannel.com for more details.

FOR MORE INFORMATION AND TO REGISTER www.aerosociety.com/conference

PROGRAMME - WEDNESDAY 16 MARCH 2011

08:30	Registration & Coffee <hr/>		
09:00	Welcome and Opening Remarks <i>AVM David Couzens, President, Royal Aeronautical Society</i>		
09:10	Opening Keynote Address: <i>HRH Prince Michael of Kent</i>		
09:30	Keynote Speech: <i>Russian Embassy Presentation (TBC)</i>		
09:55	Keynote Speech: <i>Vitaly Davidov, Roscosmos</i>		
	▶ SESSION 1: GAGARIN: MAN & MISSION		
10:20	1 I'm not that interested in space! How Yuri Gagarin took John Kennedy where he did not want to go <i>Prof Gerard DeGroot, Professor of Modern History, University of St Andrew's</i>		
10:45	Networking Break & Coffee <hr/>		
11:15	2 Title TBC <i>Roscosmos Speaker (TBC)</i>		
11:40	3 The Space Flight of Yuri Alekseyevich Gagarin, 12th April 1961 <i>Nick Spall, Freelance Space Writer</i>		
12:05	4 The Media Perspective <i>Reg Turnill, BBC Aviation & Space Correspondent 1958-1975</i>		
12:30	Question & Answer Session		
13:00	Networking Lunch <hr/>		
		▶ SESSION 2: RUSSIA - UK COLLABORATION	
		14:00	5 ISTC: Developing International Cooperation in Space Research <i>Adrian van der Meer, Executive Director, International Science & Technology Centre (ISTC)</i>
		14:15	6 Space Medicine <i>Vadim Gushin, Director, Institute of Biomedical Problems (IBMP)</i> <i>Dr Kevin Fong, Co-Director, Centre for Altitude, Space & Extreme Environment Medicine (CASE)</i>
		14:45	7 Disaster Monitoring & Response: The Russian Satellite Project <i>Dr Vitaly Chmyrev, Institute of Physics of the Earth, Russian Academy of Sciences</i> <i>Prof Alan Smith, Director, Mullard Space Science Laboratory</i>
		15:15	Networking Break & Tea <hr/>
		15:45	8 An Exchange of Visions: Commonality in Russian and British Space Thinking <i>Mark Hemsell, Future Programmes Director, Reaction Engines Limited</i>
		16:15	9 UK - Russia Collaboration on Small Satellites <i>Speaker TBC, Surrey Satellite (SSTL)</i>
		16:45	Panel Discussion: GAGARIN'S LEGACY
		17:30	Concluding Remarks <i>Prof Keith Mason, Chief Executive, Science & Technology Facilities Council</i>
		18:00	Evening Reception <hr/>

