

## Outstanding Paper Award for Young Scientists

**37th COSPAR Scientific Assembly  
Montréal, Canada, 13 – 20 July 2008**

COSPAR Scientific Commission A	<p><b>Da-Qi Xu (China)</b></p> <p><i>Exploring for natural gas using reflectance spectra of surface soils</i></p> <p>ASR 41/11</p>
COSPAR Scientific Commission B	<p><b>Neeraj Srivastava (India)</b></p> <p><i>Titanium estimates of the central peaks of lunar craters: Implications for sub-surface lithology of moon</i></p> <p>ASR 42/2</p>
COSPAR Scientific Commission C	<p><b>Elvira I. Astafyeva (Russia)</b></p> <p><i>Dynamics of global electron content in 1998–2005 derived from global GPS data and IRI modeling</i></p> <p>ASR 42/4</p>
	<p><b>Jonas Hedin (Sweden)</b></p> <p><i>The aerodynamics of the MAGIC meteoric smoke sampler</i></p> <p>ASR 40/6</p>
	<p><b>Jaeheung Park (Taiwan, China)</b></p> <p><i>Statistical description of low-latitude plasma blobs as observed by DMSP F15 and KOMPSAT-1</i></p> <p>ASR 41/4</p>
COSPAR Scientific Commission D	<p><b>Ulrich W. Langner (South Africa)</b></p> <p><i>The role of radial perpendicular diffusion and latitude dependent acceleration along the solar wind termination shock</i></p> <p>ASR 41/2</p>
	<p><b>M.D. Ngobeni (South Africa)</b></p> <p><i>Cosmic ray anisotropies in the outer Heliosphere</i></p> <p>ASR 41/2</p>
	<p><b>Jan M. Wissing (Germany)</b></p> <p><i>Variation of energetic particle precipitation with local magnetic time</i></p> <p>ASR 41/8</p>

COSPAR Scientific Commission E	<p><b>Aya Bamba (Japan)</b></p> <p><i>Oxygen line mapping of SN 1006 with Suzaku</i></p> <p>ASR 41/3</p>
	<p><b>Kathrin Egberts (Germany)</b></p> <p><i>Towards measuring the cosmic ray electron spectrum from ground level</i></p> <p>ASR 42/3</p>
	<p><b>Jie Jiang (China)</b></p> <p><i>Mode selection mechanism and magnetic diffusivity in a non-axisymmetric solar dynamo model</i></p> <p>ASR 41/6</p>
	<p><b>Xuefeng Wu (China)</b></p> <p><i>X-ray flares from late internal and late external shocks</i></p> <p>ASR 40/8</p>
COSPAR Scientific Commission F	<p><b>Ulrike Pogoda de la Vega (Germany)</b></p> <p><i>Simulation of the environmental climate conditions on martian surface and its effect on <i>Deinococcus radiodurans</i></i></p> <p>ASR 40/11</p>
	<p><b>Florian Selch (USA)</b></p> <p><i>Genomic response of the nematode <i>Caenorhabditis elegans</i> to spaceflight</i></p> <p>ASR 41/5</p>
Panel on Potentially Environmentally Detrimental Activities in Space (PEDAS)	<p><b>Stephane Valk (Belgium)</b></p> <p><i>Analytical and semi-analytical investigations of geo-synchronous space debris with high area- to-mass ratios</i></p> <p>ASR 41/7</p>
Technical Panel on Satellite Dynamics (PSD)	<p><b>Claudia Urschl (Switzerland)</b></p> <p><i>Contribution of SLR tracking data to GNSS orbit determination</i></p> <p>ASR 39/10</p>