

## Grants to research groups in 2008 as decided by the Board of SNSB on December 17, 2007

(The amounts are given excluding overhead)

Some grants continue beyond 2008 - for information please contact SNSB.

For some research proposals a decision has not yet been taken. In these cases the principal applicant has been informed of the situation.

Principal applicant	Dnr	Project title	Grant (kkkr)
André Mats	109/07	Research in Space Plasma Physics	2 710
Barabash Stanislav	76/07	Plasma physics of the solar system	2 300
Bergvall Nils	117/07	Galaxy formation and evolution	119
Blomberg Lars	100/07	Solar System Plasma Physics	1 730
Brandeker Alexis	99/06	Circumstellar gas disk evolution with Herschel	577
Bühler Stefan	59/07	SUBMIC - Sub-Millimeterwave Observations of Ice Clouds	410
Carlsson Ella	81/07	Expedition Svalbard 07/08	186
Conrad Jan	88/06B	GLAST	790
Conrad Jan	123/07	GLAST	100
Dalin Peter	83/07	Studies of the upper mesosphere and lower thermosphere from the International Space Station	100
Davidsson Björn	135/06	Theoretical Modelling of Cometary Nuclei and Comae	597
Ekman Annica	117/06	Assimilation of ADM-Aeolus aerosol data	470
Elgered Gunnar	104/07	Microwave Remote Sensing of the Troposphere: Turbulence and Scintillation	654
Eriksson Patrick	101/06	Extended analysis of Odin data	611
Fransson Claes	152/05	Supernovae	260
Goobar Ariel	64/07	The Dark Universe	400
Gumbel Jörg	107/07	Studies of the Middle Atmosphere	1 054
Heiter Ulrike	115/07	Stellar atmosphere models for Gaia	611
Holm Nils	74/06	Circulation of alkaline fluids in ultramafic rocks of terrestrial planets and formation of nucleotide constituents	669
Holm Nils	69/07	Ablation of hard geologic materials; astrobiology at picoscale - a pilot study	200

Justtanont, Kay	121/07	Study of circumstellar gas and dust around stars	<b>875</b>
Korn Andreas	79/06	Gaia calibrations - from Solar-system to stellar physics	<b>430</b>
Körnich Heiner	111/07	Stratospheric impact of ADM-Aeolus wind observations	<b>633</b>
Lausmaa Jukka	140/06	Single fluid inclusion extraction and ToF-SIMS analysis of organic phases - Implications for ancient Earth biodiversity studies and sample return from Mars	<b>300</b>
Lindegren Lennart	125/05	Astrophysical space research using Gaia	<b>1 067</b>
Linnarsson Dag	88/07	Pulmonary and circulatory effects of space flight	<b>1 120</b>
Liseau René	286/05B	Experimental space research for studying star formation and the interstellar medium	<b>770</b>
Liseau, René	122/07	Physical and chemical processes of star and planet formation: from the grave to the cradle	<b>1 450</b>
Lundin Rickard	77/07	Terrestrial Magnetosphere Physics	<b>750</b>
Lundstedt Henrik	113/07	Solar Magnetic Activity: Explored with SOHO/Hinode/SDO	<b>550</b>
Marklund Göran	101/07	Auroral and Magnetospheric Physics	<b>2 030</b>
Modolo Ronan	80/07	Solar wind/ kronian plasma interaction with neutral environment of Mars, Venus and Titan	<b>600</b>
Morooka Michiko	97/06	Dust-Plasma Interaction in the Inner Magnetosphere of Saturn	<b>534</b>
Murtagh Donal P	106/07	Global miljömätteknik / Global Environmental Measurements	<b>1 240</b>
Olofsson Göran	120/07	Space research on stellar disks and the ISM	<b>1 000</b>
Olofsson Göran	285/05	Experimental space research for studying star formation and the interstellar medium	<b>770</b>
Olofsson Hans	110/06	Astrobiology at Stockholm University	<b>300</b>
Olvmo Mats	86/06	Periglacial landforms on Mars: Classification, distribution and implications for subsurface ice and climate change	<b>457</b>
Pearce Mark	144/06	Studies of antiparticles in space with the PAMELA satellite experiment	<b>615</b>
Pearce Mark	74/07	Polarised gamma-ray astrophysics	<b>444</b>
Rickman Hans	119/07	Icy Small Bodies of the Solar System	<b>296</b>
Ryde Felix	85/06	High-energy astrophysics: identifying the emission processes in gamma-ray bursts and the measurement of gamma-ray polarisation	<b>796</b>
Sihver Lembit	72/07	Evaluations and Simulations of Experiments on ISS using Geant4 and PHITS	<b>500</b>
Stasiewicz Kristof	82/06	Analysis and Visualization of Space Measurements	<b>50</b>
Stegman Jacek	284/05	Studies of the Middle Atmosphere	<b>520</b>
Svensson Gunilla	68/07	Clouds in Global Climate Models	<b>216</b>
Vaivads Andris	82/06	Analysis and Visualization of Space Measurements	<b>439</b>

Warell Johan	116/07	Mercury and minor bodies within the BepiColombo and Gaia missions	<b>610</b>
Yordanova Emiliya	75/07	Spatio-temporal evolution of the plasma turbulence in the near Earth' space	<b>600</b>
Östlin Göran	124/07	Galaxy evolution as viewed with the Hubble Space Telescope	<b>210</b>

<b>Total (kk, excluding overhead)</b>			<b>34 720</b>
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