

# Swedish National Space Research Programme 2005

## Grants to research groups

Gray cells show new grants

Principal applicant	Dnr	Project title	Grant (kkkr)
André Mats	161/04	Research in Space Plasma Physics	2 591
Barabash Stanislav	102/04	Plasma physics of the solar system	2 620
Belitsky Viktor	136/04	FIRST HIFI Beam Measurement Range	1 600
Bergström Lars	145/04	GLAST	313
Bergvall Nils	121/03	Galaxy formation and evolution	105
Brenning Nils	84/03	Dignostics, theory and modelling of the VASIMR plasma rocket prototype	260
Buchert Stephan	163/04	Magnetospheric Physics using CLUSTER; ILWS Missions, and Ground-Based Instruments	479
Carlberg Torbjörn	86/04	Crystal Growth during Microgravity	380
Davidsson Björn	133/04	Theoretical Modelling of Cometary Nuclei and Comae	172
Elgered Gunnar	106/04	Tomographic Methods for High Resolution Atmospheric Water Vapour Measurements Using GPS	582
Eriksson Patrick	171/04	Extended analysis of Odin-SMR data	399
Fransson Claes	144/04	Supernovae	344
Fredriksson Sverker	65/04	Theoretical studies of water, ice and atmospheres on Mars and exoplanets	60
Fuglesang Christer	79/04	DESIRE	470
Geppert Wolf Dietrich	157/04	Observational, and experimental investigations and modelling of interstellar and circumstellar ion processes	310
Goobar Ariel	93/04	R&D for the SNAP/JDEM satellite	70
Gumbel Jörg	42/03	Odin-doktorand: Water Vapour in the Mesosphere - Transport, Chemistry and Particle Formation	385
Gumbel Jörg	150/04	Studies of the Middle Atmosphere	1 249
Gunell Herbert	105/04	Solar wind interaction with the earth-like planets	608
Hjalmarson Åke	110/04	Odin-Astronomy	1 720
Holm Nils	70/03	Synthesis and characterisation of peptides encoded by self-assembled monolayers on nucleic acid bases adsorbed on mineral surfaces: Relevance to pre-RNA	621
Johansson Sveneric	87/03	Participation in space observations and evaluation of data from HST	435
Justtanont Kay	142/04	Study of dust and gas interaction in circumstellar envelopes	301
Kirkwood Sheila	38/03	Odin studies of planetary waves in relation to noctilucent clouds and PMSE	435
Kronberg Bengt	119/03	Development of advanced foams under microgravity - metal foams	199
Kronberg Bengt	151/04	Investigation of foaming in non-aqueous systems under microgravity conditions	207

Kullen Anita	135/04	The polar cap boundary during quiet times as derived from CULSTER and Astrid-2	<b>469</b>
Kuzmin Leonid	141/04	Imaging Arrays of Cold-Electron Bolometers for Terahertz Applications	<b>110</b>
Lagerkvist Claes--Ingvar	120/03	Studies of Mercury and the PepiColombo Mission	<b>560</b>
Larsson Stefan	143/04	High Energy Astrophysics	<b>285</b>
Lindegren Lennart	92/03	Astrophysical space research using Hipparcos and GAIA	<b>882</b>
Linnarsson Dag	174/04	Pulmonary effects of gravity and weightlessness	<b>800</b>
Liseau René	39/03	Doktorandtjänst för Odin	<b>385</b>
Lundin Rickard	107/03	Terrestrial magnetospheric Physics	<b>1 817</b>
Marklund Göran	139/04	Research in Space Plasma Physics	<b>2 420</b>
Merkel Harald	124/02	Hot Electron Bolometric Mixers for the HERSCHEL payload	<b>1 926</b>
Murtagh Donal P	177/04	Global Environmental Measurements	<b>1 322</b>
Olberg Michael	41/03	The Abundance of Interstellar Water	<b>450</b>
Olofsson Göran	146/04	Experimental space research for studying star formation and the interstellar medium	<b>2 520</b>
Olofsson Hans	114/03	Red glant mass loss, and its effect on stellar and galactic chemical evolution	<b>140</b>
Pearce Mark	112/04	Particle Astrophysics with Balloon- and Satellite-borne Experiments	<b>510</b>
Raffalski Uwe	103/04	Stratospheric trace-gas observations for satellite validation and environmental monitoring	<b>235</b>
Rickman Hans	64/03	Studies of Small Bodies in the Solar System	<b>658</b>
Seetharaman Seshadri	106/02	Thermophysical Properties of Silicate Melts	
Stasiewicz Kristof	162/04	Analysis and Visualization of Space Measurements	<b>270</b>
Tesch Per	176/04	A resistive exercise paradigm for use in space	<b>1 100</b>
Östlin Göran	112/02	Galaxy evolution as vived with the Hubble Space Telescope	<b>390</b>

**Total (kk, excluding overhead)**

**34 164**