

Swedish Space Research Programme 2003

INCOME

Firm SRAC budget for 2003 **45 500 kkr**

COSTS

	Grant	Overhead (30%)	Total
Basic funding of research groups			
Project grants decided 2 years ago	1 360	408	1 768
Project grants decided 1 year ago	2 725	818	3 543
Proposed new project grants	25 210	7 563	32 773
Sum:	29 295	8 789	38 084
Other firm allocations			
Three Odin PhD positions	900	270	1 170
Reserve (at disposal of SRAC secretary)	300	0	300
Odin operations (earmarked)	3 000	0	3 000
Programme support at SSC	200	0	200
Management support at SSC for HIFI (124/02)	300	0	300
Sum:	4 700	270	4 970
Provisional allocation			
Pamela ground station in Sweden (84/01), maximum	1 000	0	1 000
Sum:	1 000	0	1 000
SUM (kkr):			44 054

Minimum remaining SRAC budget: **1 447 kkr**

Candidate projects for remaining budget (to be evaluated by SRAC during 1st half of 2003)

Olofsson (113/02), MIRI filters for JWST
Schweitz (131/02), NanoSpace 1
Stasiewicz (106/02), ISS-Radio
Stegman (98/02), Magic sounding rocket
Thidé (95/02), Nano-sat and AIM
Further studies of prime candidates for national satellite programme

Candidate projects for funding outside the SRAC budget

Fuglesang (76/02)
Seetharaman (106/02)
Tesch (75/02)

Funding of Individual Research Groups

(All figures below are given excluding overhead)

Atmospheric Physics

Principal applicant	Dnr	Project title	Grant 2003
Kirkwood Sheila	79/02	HIRTA: High Resolution Trace-gases and Aerosols	100
Murtagh Donal	118/02	Global Environment	1 572
Stegman Jacek	98/02	Studies of the Middle Atmosphere	1 180

Space Physics

Principal applicant	Dnr	Project title	Grant 2003
André Mats	90/02	Research in Space Plasma Physics	2 768
Barabash Stanislav	71/02	Plasma physics of the solar system	3 000
Lundstedt Henrik	121/02	Solar activity and space weather	651
Marklund Göran	91/02	Research in Space Plasma Physics	2 788
Opgenoorth Hermann	93/02	Magnetospheric Physics using Cluster, future ILWS Satellite Missions and Ground-Based Instrument Works	657
Sandahl Ingrid	81/01	Plasma studies	1 419
Stasiewicz Kristof	96/01	Analysis and Visualization of Space Measurements	370

Astronomy

Principal applicant	Dnr	Project title	Grant 2003
Belitsky Viktor	73/02	FIRST HIFI Beam Measurement Range	1 800
Bengtsson Stefan	126/02	Microanalyses of microfossils on Earth - Preparation for ancient Earth studies and for sample return from Mars	450
Bergvall Nils	97/02	Galaxy formation and cosmic reionization	65
Carlson Per	84/01	Astroparticle Physics in Space	390
Eriksson Kjell	139/00:2	Studies of stellar atmospheres using satellites	225
Fransson Claes	107/01	Supernovae	270
Goobar Ariel	72/02	The Nature of Dark Energy and Dark matter: satellite observations of high-z supernovae	260
Hjalmarson Åke	122/02	Odin - Astronomy	1 660
Holm Nils	75/01	Synthesis and characterisation of peptides encoded by self-assembled monolayers on nucleic acid bases adsorbed on mineral surfaces: Relevance to pre-RNA information processing and the origins of life	176
Johansson Sveneric	85/00	Participation in space observations and evaluation of data from HST	320
Lindgren Lennart	117/00	Astrophysical space using Hipparcos and GAIA	815
Merkel Harald	124/02	Hot Electron Bolometric Mixers for the HERSCHEL payload	1 750
Olofsson Göran	114/02	Experimental space research for studying star formation and the interstellar medium	2 672
Olofsson Hans	111/02	AGB-stars and their circumstellar envelopes	350
Rickman Hans	64/02	Studies of Small Bodies in the Solar System	528
Svensson Roland	105/02	High Energy Astrophysics	734
Östlin Göran	112/02	Galaxy Evolution/HST	360

Physiology

Principal applicant	Dnr	Project title	Grant 2003
Linnarsson Dag	125/02	Pulmonary and cardiovascular effects of gravity and weightlessness	1 200

Material Sciences

Principal applicant	Dnr	Project title	Grant 2003
Carlberg Torbjörn	86/02	Crystal Growth during Microgravity	540

Space Technology

Principal applicant	Dnr	Project title	Grant 2003
Brenning Nils	93/01	Diagnostic and modelling in the VASIMR plasma rocked prototype	100
Tennfors Einar	92/02	Radio frequency theory and modelling for the VASIMR	125

