SNSB Research Programme based on Call 2017-R

Part recommended by the Space Reserach Advisory Committee (SRAC)

Please note that this table does not guarantee funding. A contractual step will follow.
All applicants will receive a letter from SNSB with feed-back.

Dnr	Principal grant holder		Affiliation	Title of project	2018	2019	2020	2021	Total	Dedicated grant types
193 / 17	Anders	**Eklund**	Umeå Univ.	Microgravity physiology of the combined cerebrovascular, cerebrospinal and intraocular circulation for understanding spaceflight induced visual alterations	1194	1208			**2 402**	
163 / 17	Annica	**Ekman**	Stockholm Univ.	Influence of Absorbing Aerosols on Clouds in the Climate System	595	1211	982	600	**3 388**	
127 / 17	Anders	**Eriksson**	IRF, Uppsala	Electrons Dancing at a Singing Comet	558	1046	500		**2 104**	
128 / 17	Daniel	**Graham**	IRF, Uppsala	How magnetic reconnection works	851	902	886	1157	**3 796**	**Career position, 4 years**
139 / 17	Jon	**Gudmundsson**	Stockholm Univ.	Imaging the infant universe with SPIDER, the Simons Observatory, and future instruments	1425	1257	1289	1271	**5 242**	**Career position, 4 years**
81 / 17	Maria	**Hamrin**	Umeå University	Earth's magnetotail: A calm river or a vivid rapid? - Observations and simulations of vortex flows	738	1470	700		**2 908**	
137 / 17	Ulrike	**Heiter**	Uppsala Univ.	Characterisation of cool stellar atmospheres for PLATO	783	1036	1077	1130	**4 026**	**PhD Position**
157 / 17	Nickolay	**Ivchenko**	KTH	Science Operation of the SEAM Nanosatellite in 2018	593				**593**	
95 / 17	Anders	**Jerkstrand**	Stockholm Univ.	The infrared view of supernovae with the James Webb Space Telescope	1096	1095			**2 191**	
90 / 17	Tomas	**Karlsson**	KTH	Investigation of fast plasma flows in Earth's magnetotail and magnetosheath, using MMS multipoint measurements	1224	1289	1333	1425	**5 271**	**PhD position**
91 / 17	Tomas	**Karlsson**	KTH	Rosetta electric field measurements in the plasma environment of comet 67P/Churymov-Gerasimenko	561	341	255		**1 157**	
155 / 17	Anita	**Kullen**	KTH	Impact of reconnection on high-latitude auroral arcs using MMS and Cluster data	686	1374	648		**2 708**	
167 / 17	Stefan	**Larsson**	Dalarna Univ.	Gamma-ray blazars	593	593	609		**1 795**	
158 / 17	Donal	**Murtagh**	Chalmers	Mesospheric transport processes	347	875	904	500	**2 626**	
118 / 17	Timo	**Pitkänen**	Umeå University	The dawn-dusk interplanetary magnetic field and its influence on Earth's magnetotail: Tail twisting and plasma transport	849	854			**1 703**	
154 / 17	Lorentz	**Roth**	KTH	Icy moons, mass loading and moon-footprint coupling in Jupiter's magnetosphere	314	338	376		**1 028**	
104 / 17	Moa	**Sporre**	Lund Univ.	Volcanic aerosol effects on cirrus clouds and climate	964	1020			**1 984**	**Career position, 2 years**
170 / 17	Jan	**Stake**	Chalmers	THz Schottky diode mixers for high resolution FIR spectroscopy	1346	1200			**2 546**	
185 / 17	Jan	**van Stam**	Karlstad Univ.	Microgravity effects on partial phase separation - a path for enhanced understanding of structure formation in thin films for organic optoelectronics	1275	1315			**2 590**	
					1500				**1 500**	Industrial costs
168 / 17	Erik	**Zackrisson**	Uppsala Univ.	Cosmic reionization with the James Webb Space Telescope	688	705	759	807	**2 959**	**PhD Position**
160 / 17	Göran	**Östlin**	Stockholm Univ.	Galaxy evolution with HST and JWST	1218	1265			**2 483**	
				Sum (kkr):	19 398	20 394	10 318	6 890	**57 000 kkr**	