

## Recommended Research Grants within Call 2018-R

### Recommendation by the Science Advisory Committee of SNSA

Please note that this table does not guarantee funding. A contractual step will follow.

Dnr	Project leader	Gender	Host organization	Research project	2019	2020	2021	2022	2023	Note
187 / 18	Abrehdary, Majid	Male	University West	On using satellite altimetry to determine the crust-mantle density contrast on the oceans	964	986				
144 / 18	André, Mats	Male	IRF	Direct observations of anomalous resistivity in collisionless plasmas	137	236				VR grant subtracted
125 / 18	Belova, Evgenia	Female	IRF	Validation of Aeolus winds using radar measurements in Arctic Sweden and Antarctica, and optimal use of wind data in numerical weather prediction	493	577				Single grant led by Belova, contracted to IRF and SMHI
279 / 18	Körnich, Heiner	Male	SMHI		1033	1035				
150 / 18	Buchert, Stephan	Male	IRF	Energy budget of the topside ionosphere and upper thermosphere seen with the SWARM satellites	627	1040	410			
188 / 18	Chen, Deliang	Male	Göteborg Univ.	Dynamics and importance of convection for precipitation in the Third Pole region: Satellite and ground-based observation versus model simulations	970	990	995			
166 / 18	Eriksson, Patrick	Male	Chalmers	Towards Europe's next generation of microwave sensors	1197	1263	1298			
179 / 18	Fatemi, Shahab	Male	Umeå Univ.	Dynamics of ions and neutrals at Ganymede: Preparation for JUICE/PEP observations and operations planning	1276	1177				
110 / 18	Goobar, Ariel	Male	Stockholm Univ.	Gravitationally Lensed Supernovae	1309	1751	410			
108 / 18	Gunell, Herbert	Male	Umeå Univ.	Boundaries at Comets	983	1394	407			
164 / 18	Heuzé, Céline	Female	Göteborg Univ.	Warm oceanic inflows for Near-real time Detection Of Weddell polynya from Space (WINDOWS)	2343	1118	1136			
180 / 18	Jaramillo, Fernando	Male	Stockholm Univ.	Hydrogeodesic assessment of man-made disconnections between Northern rivers and their coastal systems	421	933	939	939	410	PhD Grant
170 / 18	Karlsson, Lars	Male	Karolinska Inst.	Monitoring and maintaining cardiopulmonary health during manned space exploration	1065					
139 / 18	Khotyaintsev, Yuri	Male	IRF	Plasma Jet Fronts: Energy Conversion and Particle Acceleration	376	811	874	952	410	PhD Grant
194 / 18	Murtagh, Donal	Male	Chalmers	Global Environmental Measurements – Odin & SIW	400					
199 / 18	Pearce, Mark	Male	KTH	Hard X-ray polarimetry with X-Calibur	2081	2122				
174 / 18	Persson, Carina	Female	Chalmers	Exoplanet diversity with satellite studies	562	956	1105	1140	410	PhD Grant
131 / 18	Ryde, Felix	Male	KTH	Fermi Gamma Ray Space Telescope	1101	1111				
143 / 18	Vigren, Erik	Male	IRF	The ionization balance of Saturn's ionosphere	389	798	861	939	410	PhD Grant
190 / 18	Westerberg, Lisa	Female	Karolinska Inst.	T cells in microgravity	1429	1464	1266			
145 / 18	Yordanova, Emiliya	Female	IRF	The geomagnetic response to interplanetary coronal mass ejection turbulence	641	1051	410			

Sum (kk): 19 797 20 813 10 111 3 970 1 640 kkr