



# **Swedish National Space Research Programme & ESA Science Programme**

**Svenska Rymdforskares Samarbetsgrupp (SRS)  
March 12-13, 2013**

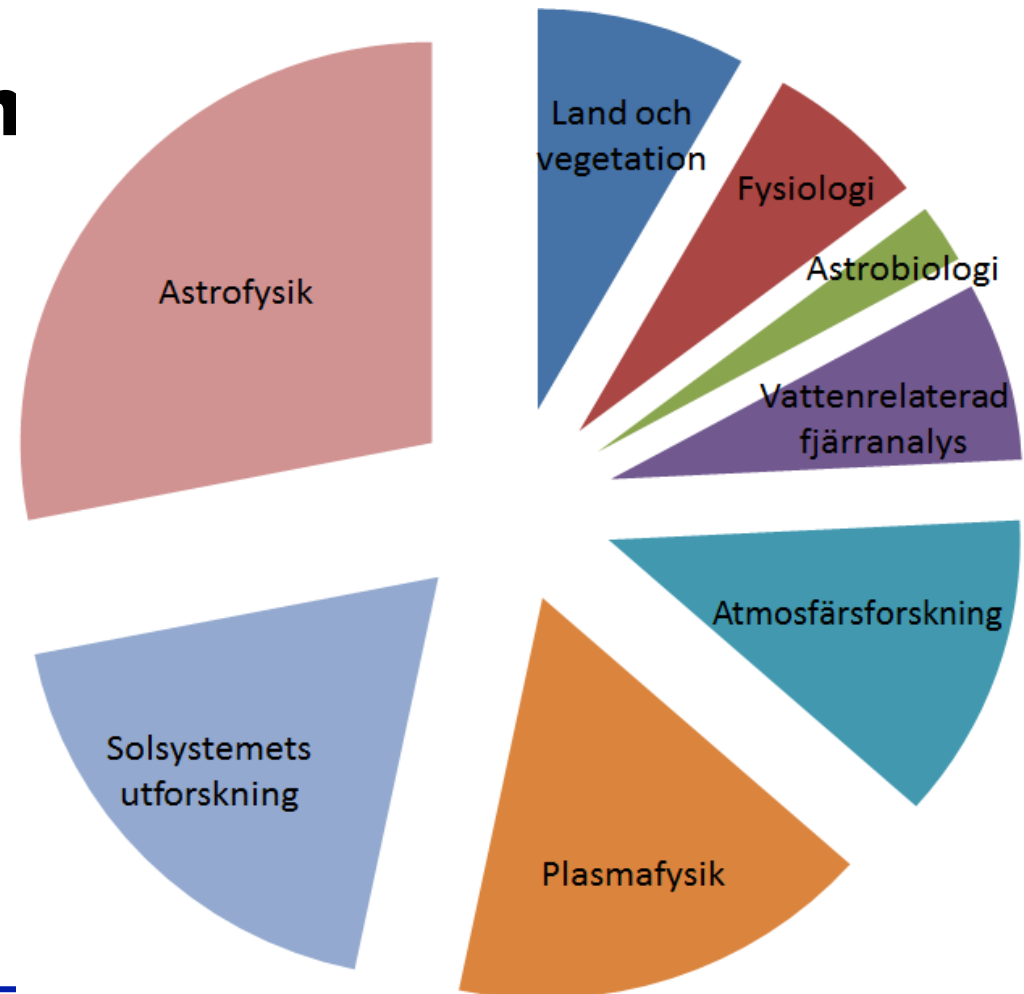
**Per Magnusson**

# National Research Programmes

Research grants: ~100 Mkr/year

Two **advisory bodies** of SNSB for basic research:

- Space Research Advisory Committee (**SRAC**)
- Remote Sensing Committee (**FAK**)



# Calls for Proposals 2013

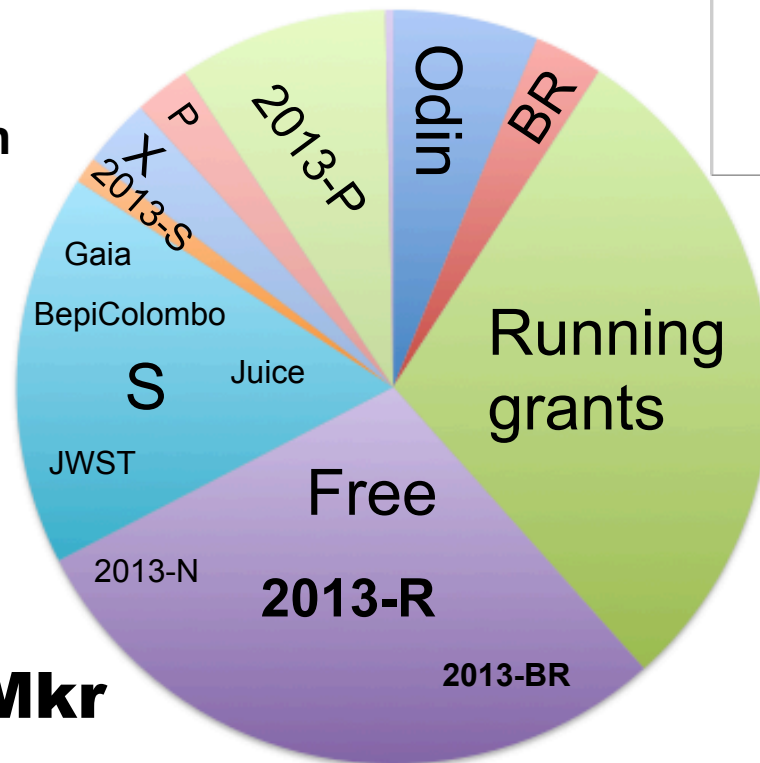
Call	Issue date	Deadline	Type of call
2013-P	Feb 8	April 16	Targeted – Prolongation of positions
2013-S	Feb 13	April 16	Targeted – Specification of costs for SNSB commitments (Herschel, Rosetta)
2013-N	This week?	April ?	Targeted – New proposed commitments for Cheops and Gaia/CU9
2013-R	March	May 15	<b>Open call</b> – Research
2013-BR	March	May 15	<b>Open call</b> – Balloon & Rocket projects

Responses to the firsts three calls are due for assessment by SRAC in **May 2013**;  
the last two for final assessment by FAK/SRAC in **November 2013**.

# Budget 2014

Excluding  
Earth  
Observation

**88 Mkr**



**13 Mkr**

Industrial  
**BR**

- Odin operations 50%
- BR Decided (Support to BR-prg)
- R Decided (Running grants)
- Calls 2013-R, 2013-BR, 2013-N
- S Decided (commitments)
- Call 2013-S
- X Decided (Extensions)
- P Decided (Prolongations)
- Call 2013-P
- Other



# Structure of Applications

**News this year:**

**Applications will be more structured from this year. For many proposals, the text material will be divided into a larger set of enclosures.**



# **ESA Science Programme**



# **Large missions (L)**

**L1 – JUICE, launch 2022**

**L2, launch ~2028**

**L3, launch ~2034**

**Scientific themes for L2 and L3 to be selected this year!  
(half a step back to Horizons 2000). If implemented, this sets the  
scene for all large missions until 2040.**

**Swedish researchers are advised to start preparing ideas on themes  
for submission to ESA.**



# ESA Process for L2-L3 Themes

## Activity

Release of Call for White Papers  
Deadline for Call for White Papers  
Screening by Senior Committee  
Open workshop  
Selection activities by the Senior  
Survey Committee  
Selection of science areas for L2  
and L3 by SPC

## Date

Early March 2013  
Early May 2013  
May- mid June 2013  
Early-mid July 2013  
  
August-October 2013  
  
November 2013





# **Medium-sized missions (M)**

**M1 – Solar Orbiter**

**M2 – Euclid**

**M3 – five candidates (Echo, Loft, MarcoPolo-R, Plato, Ste-Quest)**

- Instrument consortia have been selected. Swedish researchers part of preparations for at least four of the candidates.

- Mission selection planned for February 2014.



# **Small missions (S)**

**New initiative of ESA spurred by pressure from small member states, including Sweden.**

## **S1 - Cheops**

- Ceiling cost to ESA: 50 M€**
- Rest (both payload and other costs) to be borne by Swiss-led consortium.**



# Missions of Opportunity

**Spica** – cooperation with Japan, still in the cards...

**ExoMars** – The DG of ESA has proposed that the Science Programme contribute to ExoMars (normally financed as an optional programme).

**Kua-Fu** – No longer affordable after the Ministerial meeting (intended as part of SSA)

However, after the Ministerial meeting - the Science Programme has a flat budget (no compensation for inflation. Mission extensions and missions of opportunity likely to suffer first.