Institutet för rymdfysik
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Comet water ions

2014-11-11 $\log_{10}$ detected ions

Ion Energy [eV]

- $\text{He}^{2+}$
- $\text{He}^+$
- $\text{O}^{6+}$
- $\text{H}^+$

Comet water ions

Time

- 18:40
- 18:50
- 19:00
- 19:10
- 19:20

Cold water ions

Protons

$\text{He}^{2+}, \text{He}^+$

Accelerated cometary ions

RPC-ICA central detection plane

Rosetta Plasma Consortium
• Principal Investigator, RPC-ICA on Rosetta
• Co-Investigator, ASPERA-3 on Mars Express
• Long experience of data analysis using the Cluster spacecraft
• Experience of scientific radars (EISCAT, MARA)

• PhD student on Rosetta project funded by SNSB, to be connected to the Research School?
• Use “Stimulansbidrag” to fund part of another PhD student in the Research School (cooperation with Rikard Slapak, Lars-Göran Westerberg)?