

N1: EuroPlaNet Management

Blanc, Dougherty, Guidice, Witasse

40 laboratories/institutions
(i.e. 60 institutes) from
17 EU countries
13 associate participants worldwide

N2

*Krupp, Matti
Laboratory*

Discipline
Working
Groups

N3

Rucker, Miller

Ground-based
Observation
Coordination

N4

Zarnecki,

Outreach
Strategy

Dutuit, Szego

N5

Personnel
Exchange

Srama, Serote

N6

Meetings

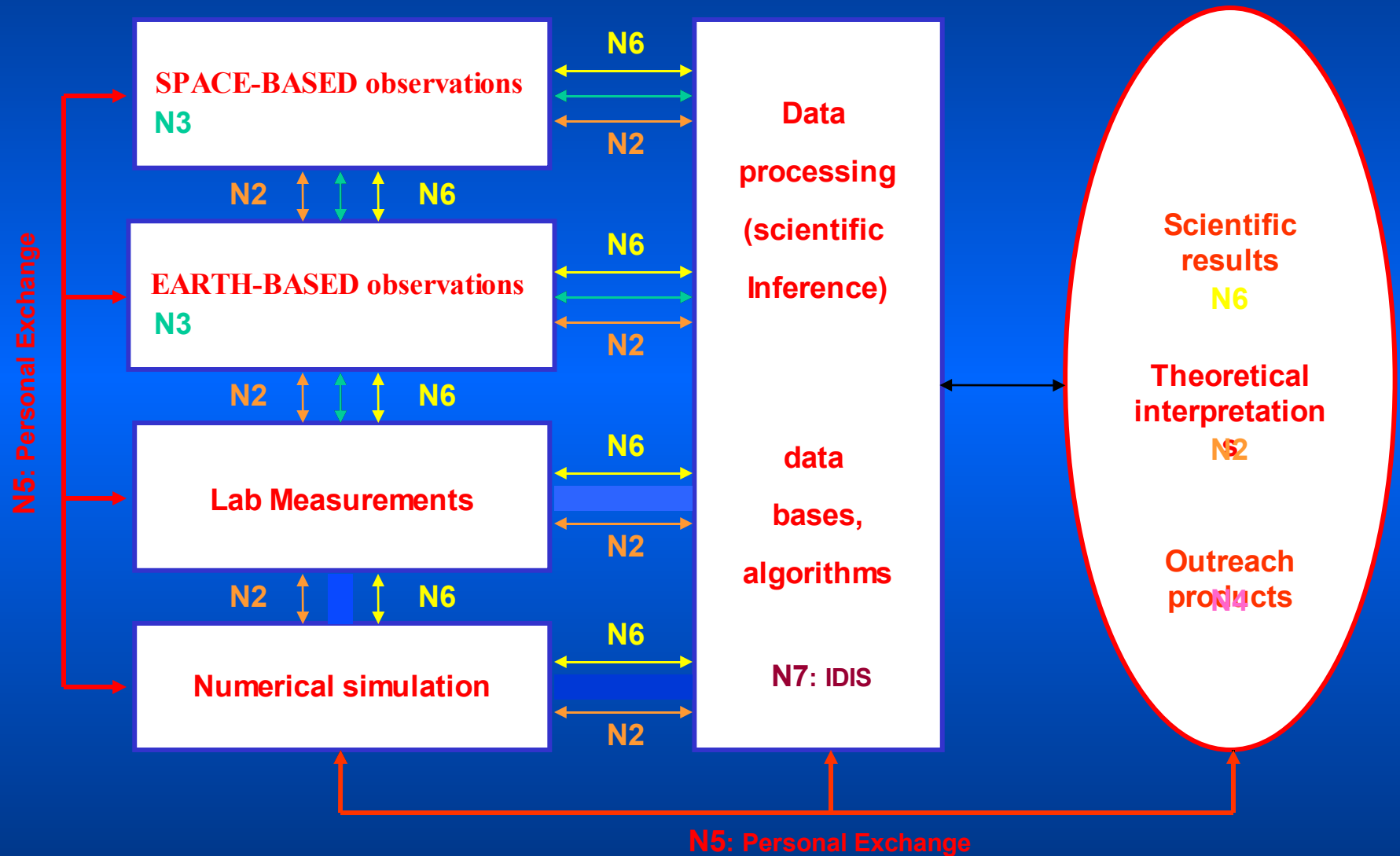
Chanteur, Flamini

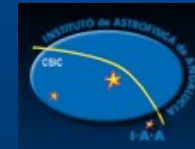
N7

IDIS

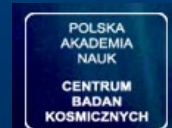
Activity N7: Design and development of the IDIS

Creation of an Integrated and Distributed the Information Service (IDIS) and its further evolution into a European Virtual Planetary es, Observatory.





Astronomical
Institute of the
Romanian Academy



1st Workshop on

“Saturn’s Aurorae: Magnetospheric Generation and Energy Considerations”

November 25-26, **2005**

IWF-OEAW, Graz

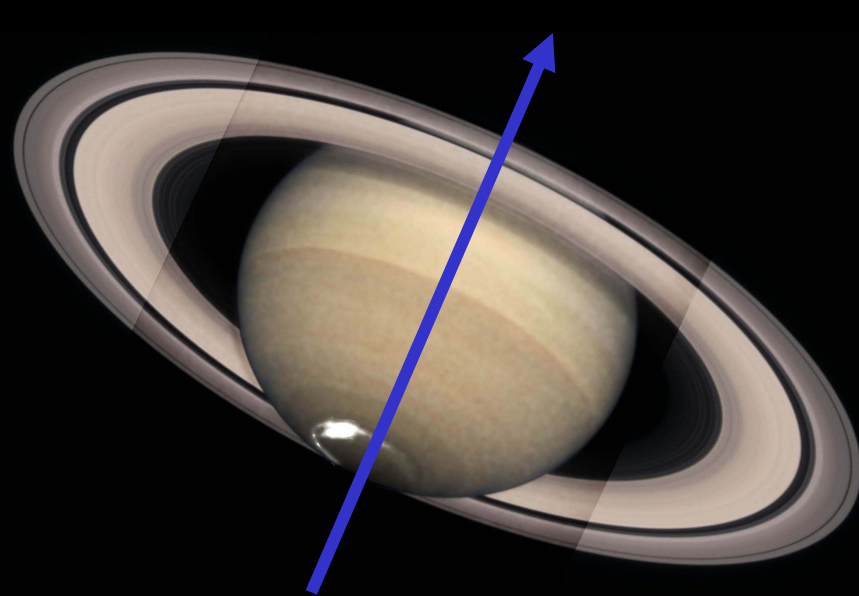
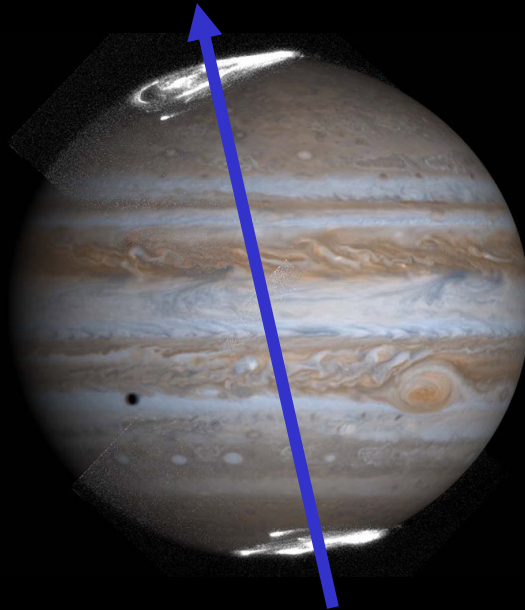
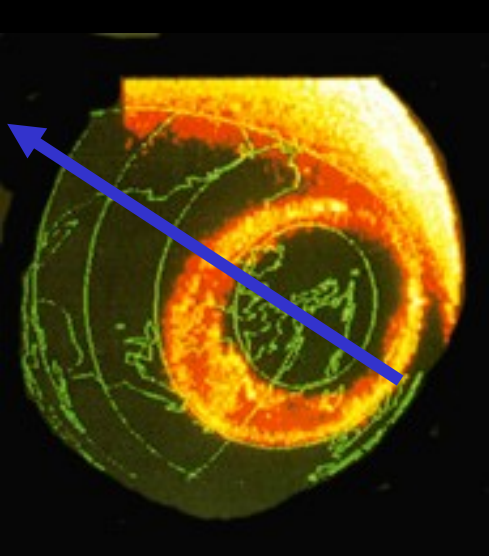
Follow-up workshop: 2nd Strategic Workshop on

„Comparative Aurorae“

Nov 22 – 23, 2006, UCL London

(LOC/SOC: Steve Miller, Helmut O. Rucker et al.)

The Aurora – a fascinating phenomenon at the magnetic poles of planets with a magnetic field



Earth

Dynamic Explorer)
UV - 130 nm
(Courtesy . L. Frank)

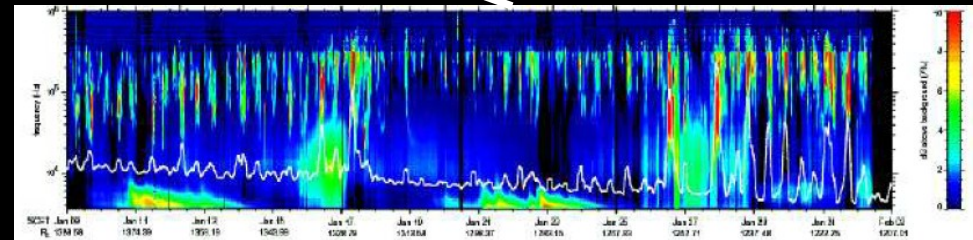
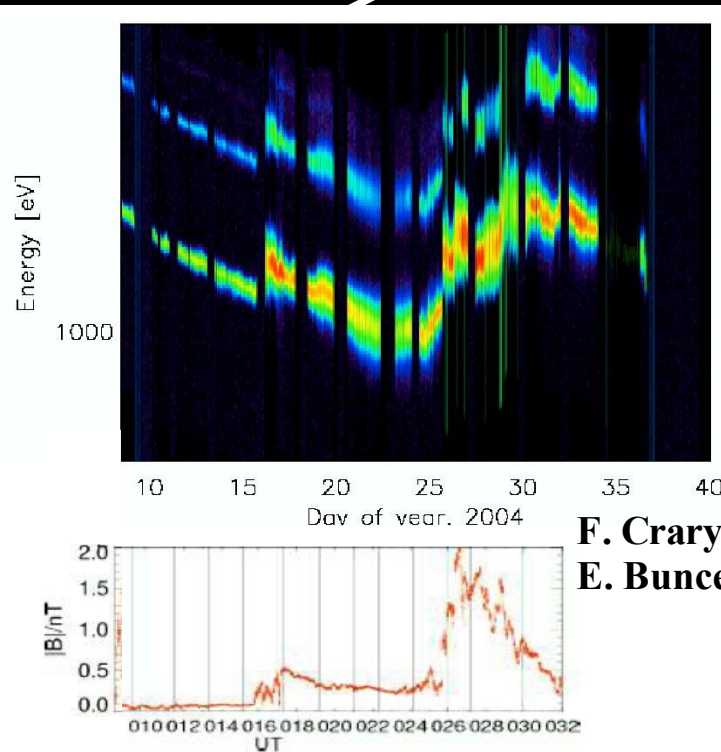
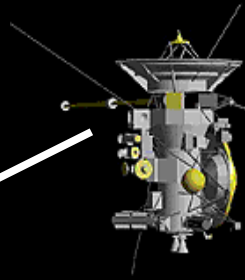
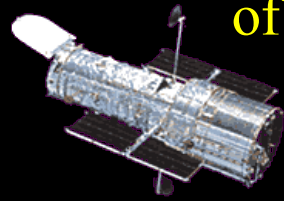
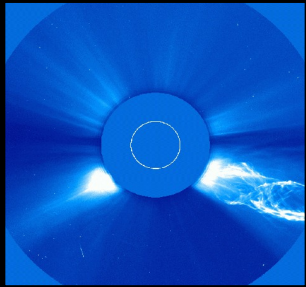
Jupiter

HST-STIS
UV - 150 nm
(R. Prangé & L Pallier)

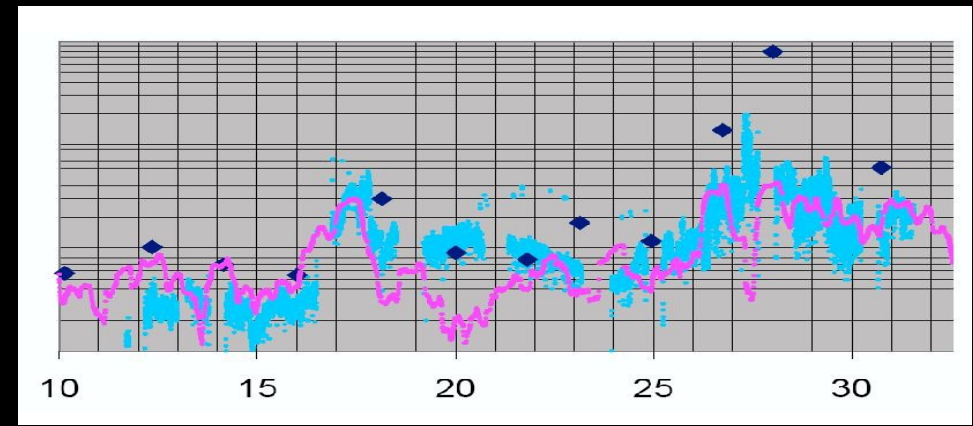
Saturn

HST-STIS
UV - 130 nm
(R. Prangé & L Pallier)

Cassini and HST join in studying the dynamics of the Saturnian aurora



Connection between solar wind ram pressure and Saturn kilometric radiation W. Kurth



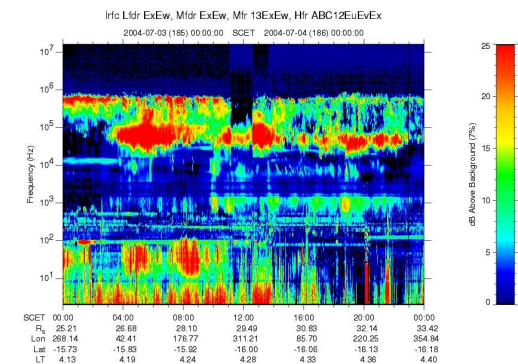
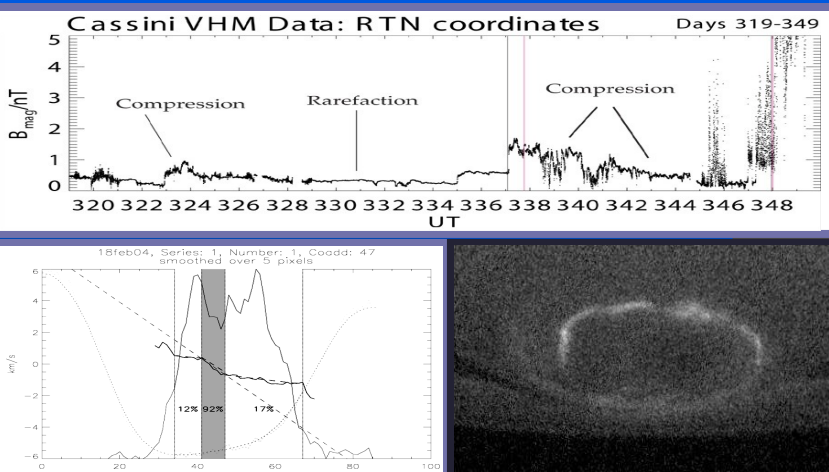
- **Space Mission complementary observations**
 - Ground-based observations of radio and IR emissions to compliment space missions in-situ and remote measurements

IRTF campaign of H3+ observations on Saturn (UCL)

(IRTF = Infra Red Telescope Facility
Mauna Kea, Hawaii, USA,
UCL = University College London)

Cassini/RPWS observations of SKR (Univ.Iowa, Meudon (F), IWF/OEAW (A))

(RPWS = Radio and Plasma Wave Science Experiment)



Web sites

<http://europlanet.cesr.fr/>

<http://europlanet.oeaw.ac.at>