

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

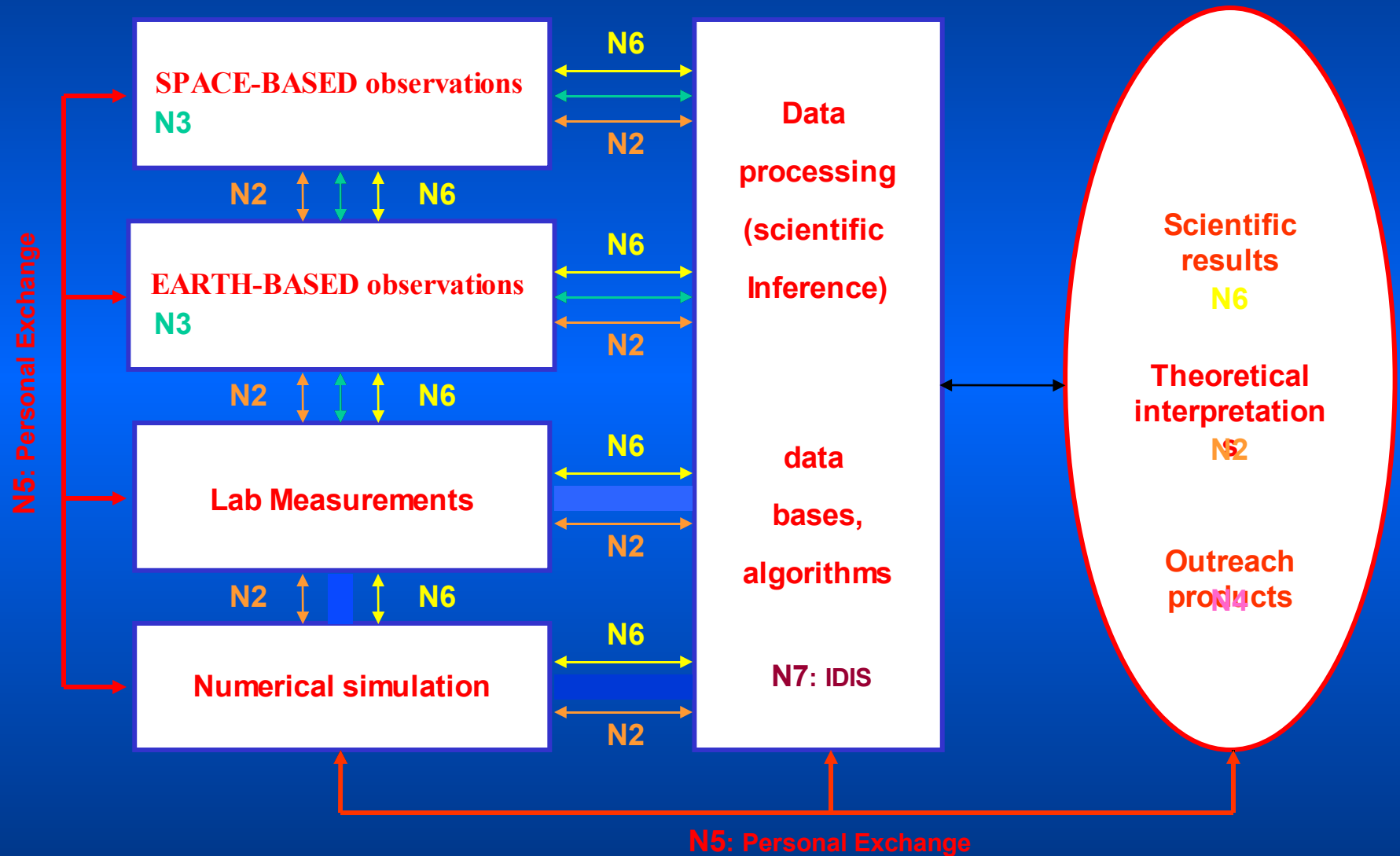
N6

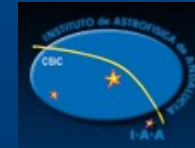
Meetings

Chanteur, Flamini

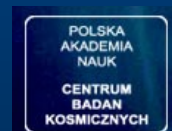
N7

IDIS





Astronomical
Institute of the
Romanian Academy



1st Workshop on

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

November 25-26, 2005

IWF-OEAW, Graz

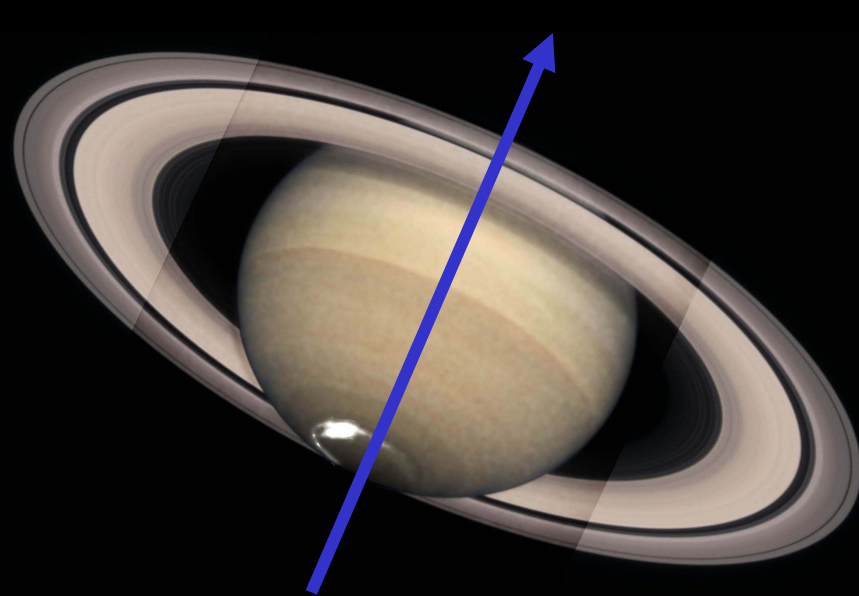
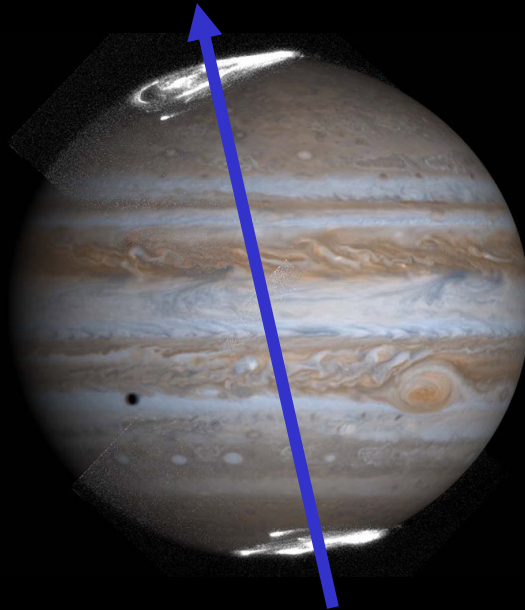
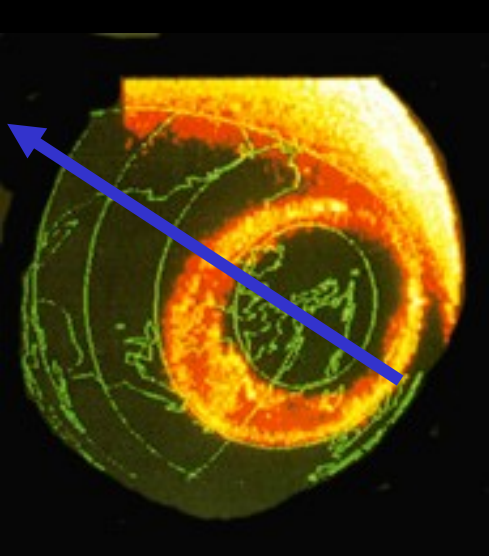
Follow-up workshop: 2nd Strategic Workshop on

„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)

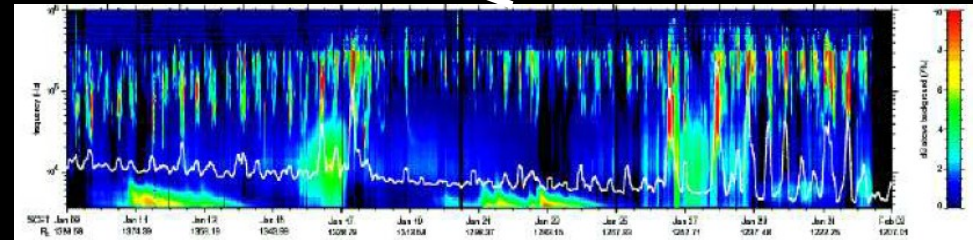
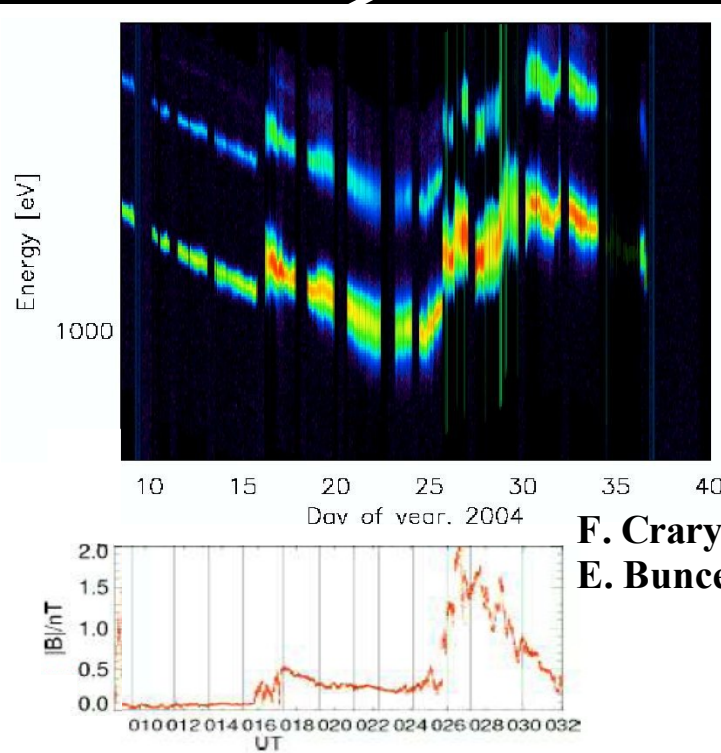
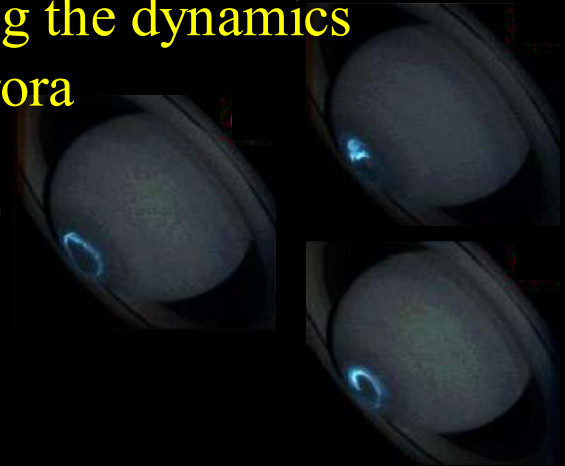
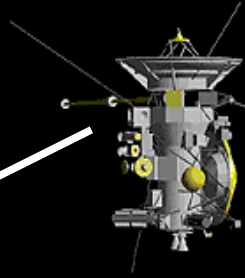
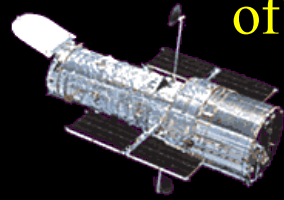
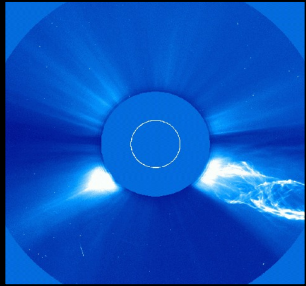
Jupiter

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



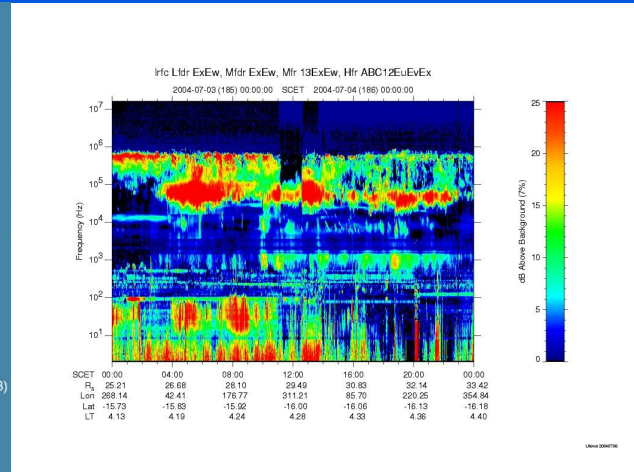
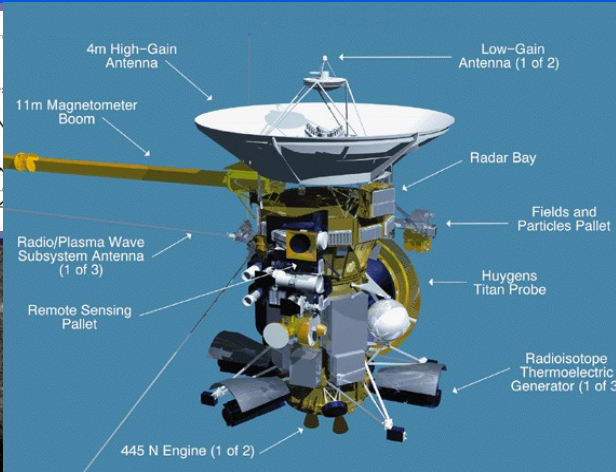
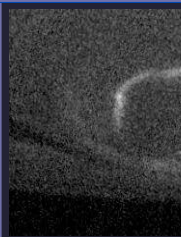
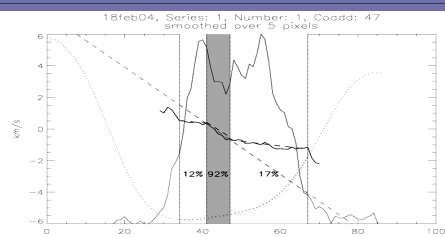
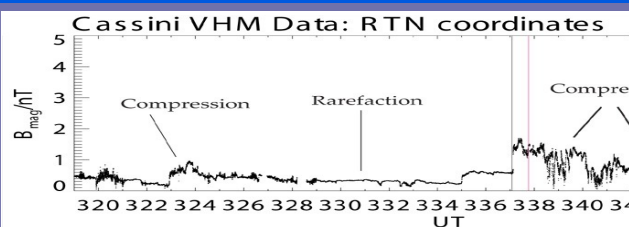
- **Space Mission complementary observations**
 - Ground-based observations of radio and IR emissions to compliment space missions in-situ and remote measurements

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>