IDS workshop Programme

Venice Convention Centre, Palazzo del Casinò
Venice-Lido, Italy
September 25-26, 2012

The International DORIS Service (IDS) workshop provides a forum to review the progress in the DORIS technique and provides perspectives for the contributions of DORIS to the Global Geodetic Observing System (GGOS). It includes thematic sessions and a splinter working session (Analysis Working Group) over a period of 2 days. The sessions consist of oral presentations and posters.

Scientific Committee:

Frank G. Lemoine (chair), NASA/GSFC, USA

Pascale Ferrage, CNES, France

Michiel Otten, ESA, France

Laurent Soudarin, CLS, France

John Ries, University of Texas at Austin, CSR, USA

Pascal Willis, IGN/IPGP, France

Session Overview and Detailed Agenda

NB: The expected duration for each talk is <u>15mn</u>.

N•	time	item	speaker
		Tuesday, September 25th, 2012	
	8:20	**Welcome** *(MOSAICO2)*	
	8:30	**Session 1 – IDS and DORIS system news**	
		Chairpersons: Pascal Willis (IGN/IPGP), Pascale Ferrage (CNES)	
IDS1_1	8:30	International DORIS Service: Current status and perspectives	P. Willis (IGN/IPGP)
IDS1_2	8:50	DORIS system developments and Future Missions	A. Auriol (CNES)
IDS1_3	9:10	DORIS network 2012 status report	J. Saunier (IGN)
IDS1_4	9:25	DORIS on HY-2A	M. Dejus (CNES)
IDS1_5	9:45	Doris ground antennas Radio Frequency characterization	C.Tourain(CNES)
IDS1_6	10:05	DORIS/DIODE on board Pleiades PHR1A : results and lessons learned	C. Jayles (CNES)
IDS1_7	10:25	From Jason2 to Jason3 : DIODE enhancements	J.P. Chauveau (AKKA)
	10:40	**Coffee break**	
	11:00	**Session 2 – Posters** *(SALA ADRIATICO)*	
IDS_P1		DORIS: a permanent evolving space technique for geophysical research activities	G. Moreaux (CLS)
IDS_P2		Polar motion and its accuracy analysis monitored by DORIS technique	X. Wang (SAO)
IDS_P3		Combination of space techniques at the normal equation level	D. Gambis (OP)
IDS_P4		Comparison of Earth radiation pressure models for DORIS satellites	C. Rodriguez-Solano (IAPG)
IDS_P5		DORIS measurement exploitation for ionosphere studies	C. Tourain (CNES)
IDS_P6		On the proper use of the EIGEN-6 models for altimetric orbit computation over decades	R. Biancale (GRGS)
	12:30	**Lunch**	
	14:00	**Session 3 – Geodesy and Precise Orbit Determination** *(MOSAICO2)*	
		Chairpersons: Michiel Otten (ESA/ESOC), Laurent Soudarin (CLS)	
IDS3_1	14:00	Improved DORIS Reference Frame Solutions from NASA GSFC	F. Lemoine (NASA/GFSC)
IDS3_2	14:20	Update of the SAA corrective model for Jason-1 DORIS data and discussion about a SAA corrective model for Spot5	H. Capdeville (CLS)
IDS3_3	14:40	Evaluation of Atmospheric Loading and Improved Troposphere Modelling	N. Zelensky (GFSC/SGT)
IDS3_4	15:00	A review of some systematic errors observed in the Precision Orbit Determination of recent Doris satellites	L. Cerri (CNES)
IDS3_5	15:20	An accuracy assessment of DORIS orbits: Jason2	R. Govind (GAU)
	15:40	**Coffee break**	

	16:10	**Session 4 – Multiple applications, Geophysics**	*(MOSAICO2)*	
		Chairpersons: Cedric Tourain (CNES), Petr Stepanek (VUGTK)		
IDS4_1	16:10	Overview of DORIS Frequency Permits, RFI Issues Worldwide		P. Ferrage (CNES)
IDS4_2	16:30	Colocation considerations and Radio Frequency Interference (RFI) Mitigation Techniques		L. Hilliard (NASA/GSFC)
IDS4_3	16:50	Tropospheric parameters from DORIS in comparison to other techniques during CONT campaigns		J. Boehm (Wien UT)
IDS4_4	17:10	Contributions of DORIS to ionosphere modelling		D. Dettmering (GDFI)
IDS4_5	17:30	Ionospheric Radio Scintillations and TEC Using the CITRIS Reception of DORIS Transmissions		P. Bernhardt (NRL)
IDS4_6	17:50	DORIS Observations from Future LEO Constellations Space Geodesy Project (SGP)		D. Rainwater (ARL:UT)

Wednesday, September 26th, 2012

	8:30	**Session 5 – IDS Analysis activity**	*(MOSAICO2)*	
		Chairpersons: Frank Lemoine (NASA/GSFC), Guilhem Moreaux (CLS)		
IDS5_1	8:30	Research activities at the IDS Combination Center		G. Moreaux (CLS)
IDS5_2	8:50	Current research activities at GOP DORIS analysis center		P. Stepanek (VUGTK)
IDS5_3	9:10	Recent improvements in DORIS processing at ESOC		M. Otten (ESA/ESOC)
IDS5_4	9:30	Comparaison of station coordinates, estimated by DORIS and Glonass measurements for collocated sites		S. Kuzin (INASSAN)
IDS5_5	9:50	DORIS positioning : performance assessment from the last data processing at CNES/CLS Analysis Center		L. Soudarin (CLS)
IDS5_6	10:05	Implementation and use of the DORIS RINEX phase measurement in the GINS software		J.M. Lemoine (GRGS)

	10:20	**Coffee break**	
	10:50	**Analysis Working Group meeting**	*(MOSAICO2)*

Chairperson: Frank Lemoine (NASA/GSFC)

ESOC M. Otten
Geoscience Australia R. Govind
GOP P. Stepanek
IGN/IPGP P. Willis
INASAN S. Kuzin
CNES/CLS L. Soudarin
NASA/GSFC F. Lemoine
IDS Combination Center   G. Moreaux, L. Soudarin, P. Ferrage

	12:30	**Lunch**	
	14:00	**Analysis Working Group meeting** *(contd)*	*(MOSAICO2)*
	15:40	**Coffee break**	
	16:10	**IDS Governing Board Meeting**	*(MOSAICO2)*