



International Conference



Fundamental and applied MHD, Thermo acoustic and Space technologies



Theme 9: SPACE

Riga – Latvia
June 16-20 , 2 0 1 4



Chairmen A. Alemany France, J. Freibergs, Latvia

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PROGRAM OF THE SUMMER SCHOOL

	Title	9h/9h45	9h45/10h30	10h30/11h15		11h30/12h15	12h15/13h
Monday FREE							
Tuesday June 17	THERMO ACOUSTIC	Progress and engineering of thermoacoustics. MAURICE FRANCOIS	Modelling and numerical simulation 2D and 3D. DIANA BALTEAN-CARLES	Redressed flows in thermo acoustic. HÉLÈNE BAILLET	B R E A K	Thermo acoustic for cold production. KEES DE BLOK	Thermo acoustic for electrical energy production. PIEERIK LOTTON
Wednesday June 18	THERMO ACOUSTIC	Cold source in space. ENRICO SACCHI	Integration of thermo acoustics into space missions. ENRICO GAIA	The MHD generator. ANTOINE ALEMANY	B R E A K	Coupling MHD/TA. ARMAND KRAUZE	An introduction to space nuclear power systems. KEITH STEPHENSON
Thursday June 19	SPACE TECHNOLOGIES	The ESA nuclear power development programme. KEITH STEPHENSON	MHD Thrusters for space propulsion. ALAIN DUPAS	Some elements of space reactor and Radio Isotopic power system. GERARD POLI	B R E A K	Long term trips involving nuclear sources. FREDERIC MASSON	Nuclear testing, integration, launch and decommissioning. TIM TINSLEY
Friday June 20	NUCLEAR POWER SYSTEMS	CNRS program and propulsion using Hall effect. JEAN PIERRE BŒUF	Liquid metal coolant technologies. CHRISTIAN LATGE	B R E A K	Sciences in micro gravity JACQUELINE ETAY	Magnetic fields in space: phenomena and related lab experiments. FRANCK STEFANI	

List of Teachers

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