Program Numach , June 20-22, 2011		
Monday **20th June**	**Tuesday** **21st June**	**Wednesday** **22nd June**
08:30am Opening Session		
09:00am Chair Person: N.Gmati	Chair Person: C. Bernardi	Chair Person: A. blouza
E. Palomo *Thermal characterization of homogeneous and heterogeneous materials using SVD techniques*	M. Masmoudi *The vault method*	J. Shen *Phase-field models for multiphase complex fluids: modeling, numerical analysis and simulations*
09:50am Coffee Break		
10:20am Chair Person: R.Gruber	Chair Person: A. Ben Abda	Chair Person: M. Azaiez
M. Azaiez *Improvements on open and traction boundary conditions for Goda time splitting algorithm*	M. Moakher *A Slepian Framework for a Local Point-Mass Model of the Gravity Field*	C. Bernardi *Optimisation du parametre de penalisation pour la discretisation par elements spectraux du probleme de Stokes.*
10:55am I.Mortazavi *A vortex penalization method for flows with moving obstacles*	M. Deville *Spectral element simulation of the 3D flow on a cylinder in between lateral walls.*	A. Blouza *Some questions on shell finite element approximation*
11:30am R. Touihri *Methode spectrale pour un ecoulement de Darcy*	H. Maatoug *Fluid flow design optimization using topological sensitivity analysis method*	S. Vincent *High order penalty and interface tracking methods for incompressible multiphase flows*
12:05pm | 02:30pm Lunch Break		
02:30pm Chair Person: M. Deville	Chair Person: MS. Kaber	Chair Person: J.Vincent
R. Gruber *COOL@MHD*	F. Benbelgacem *Identifiablity of pointwise sources for a semi-linear reaction diffusion equation.*	M. Chen *Theoretical and numerical investigation of three-dimensional water waves*
03:20pm Coffee Break		*Closing Session*
03:50pm Chair Person: I. Mortazavi	Chair Person: F. Ben Belgacem	
A. Rousseau *Quasi-hydrostatic ocean models*	S. M. Kaber *Parallel in time algorithms*	
04:25pm F. Ben Hassen *Point sources in inverse scattering theory*	Z. Belhachmi *Regularisation lineaire et non lineaire en vision par ordinateur.*	