

PROGRAMUL

workshop-ului NEMO

Luni 10 iunie	
9:00 - 10:00	Înregistrarea participanților
10:00-10:30	Cuvântări de deschidere Director IGAR: Dr. Crișan DEMETRESCU , Membru corespondent al Academiei Române Director de proiect: Prof. Dr. Vlad Constantin MANEA , Universitatea Nationala Autonoma a Mexicului, Membru regulat al Academiei de Stiinte Mexicane Responsabil contract finantare: Mircea CHIȘ Ministerul Educatiei Nationale, Organismul Intermediar de Cercetare
10:30-11:30	Prezentare demonstrativa a noii infrastructurii cibernetice
11:30 - 12:00	Mircea Radulian, Octavian F. Cărbunar: <i>Numerical simulation of specific seismicity patterns in the Vrancea region, Romania</i>
12:00-13:00	Pauza
13:00-13:25	Vlad Constantin Manea, Marina Manea, Pomeran Mihai, Lucian Beșuțiu, Luminița Zlăgnean - <i>High Performance Computing and Visualization: a viable solution to boost research for Earth Sciences.</i>
13:30-13:55	Marian Ivan, Daniela Veronica Ghica, Andrej Gosar, Panagiotis Hatzidimitriou, Rami Hofstetter, Gulden Polat, Rongjiang Wang- <i>Lowermost mantle velocity estimations beneath Central North Atlantic area from Pdf observed at Balkan and East Mediterranean stations</i>
14:00-14:25	Marina Manea, Vlad Constantin Manea – <i>Scientific visualization with open source software.</i>
14:30-14:55	Dumitru Stănică, Maria Stănică - <i>The Carpathian Conductivity Anomaly and its Geodynamic Implication reflected by 2-D Magnetotelluric Modelling</i>
	Încheierea lucrărilor din prima zi

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Marti 11 iunie	
9:00 - 9:25	Nicoleta Cadicheanu - <i>Validation of the statistical parameter of correlation between Earth tides and earthquakes</i>
9:30 - 9:55	Ștefan Mocanu, Daniela Saru, Valentin Sgârciu, Ramona Din, Radu Dobrescu - <i>Using high performance hardware platforms for parallel processing algorithms implementation</i>
10:00 - 10:25	Pietraru Radu Nicolae: <i>Comparison between the main parallel computing libraries for multiprocessor systems</i>
10:30 - 10:55	Pomeran Mihai, Vlad Constantin Manea, Marina Manea, Lucian Beșuțiu, Luminița Zlăgneaș - <i>Code parallelization algorithms</i>
11:00 - 11:30	Pauza
11:30 - 12:00	Luminița Zlăgneaș, Lucian Beșuțiu - <i>Gravity insights on the deep structure of the Vrancea intermediate-depth seismic zone</i>
12:00 - 12:25	Lucian Beșuțiu, Luminița Zlăgneaș- <i>Modelling non-tidal gravity changes within Vrancea active geodynamic zone</i>
12:30 - 12:55	Vlad Constantin Manea, Marina Manea, Pomeran Mihai, Lucian Beșuțiu, Luminița Zlăgneaș – <i>Slab beak-off and mantle flow in the Carpatian region: new insights from 4D numeric models</i>
	INCHEIEREA LUCRARILOR