

Conference "Stardust - Asteroids and Space Debris"

Monday, 31 October 2016

Mathematical formulations for orbit determination and modeling - Newton 1+2 (15:30 - 18:30)

time	[id] title	presenter
15:30	[21] Federica Spoto, "Investigating the contribution of Gaia to orbit improvement and short term orbit determination"	
15:50	[22] Giovanni Federico Gronchi, "Initial orbit determination with the integrals of Kepler's problem"	
16:10	[23] José Manuel Hedo, "On the Minimum Orbit Intersection Distance (MOID) calculation A new effective algorithm"	
16:30	[24] Stefano Maro', "Long term evolution of Earth crossing NEAs and priority list for impact monitoring"	
16:50	[25] H��l��ne Ma, "Investigation of methods to determine preliminary orbits and possible conjunctions for space debris"	
17:10	Break	
17:30	[26] Davide amato, "Advanced special perturbations for asteroids and space debris"	
17:50	[27] Virginia Raposo Pulido, "The new SDG-code to solve the Kepler equation"	
18:10	[28] Vadym Plesko, "Prediction of Orbital Parameters for Undiscovered Potentially Hazardous Asteroids Using Machine Learning"	

Tuesday, 1 November 2016

Mathematical formulations for orbit determination and modeling: Institut de Mecanique Celeste et de Calcul des Ephemerides - Newton 2 (15:00 - 17:30)