Project: "SmartHELMET - MSCA-RISE-2014"

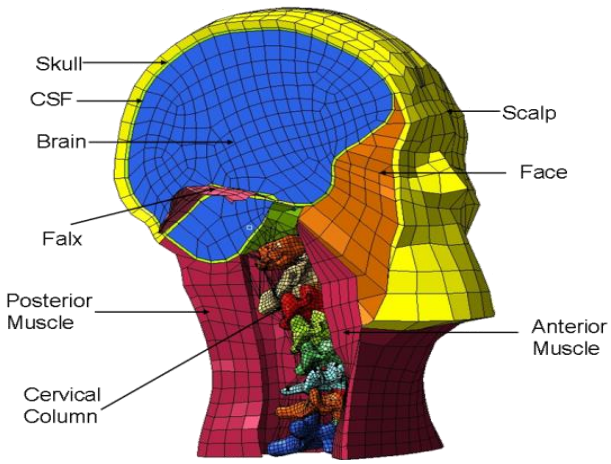
April 5th, 2016 | 6:00pm – 7:15pm | Main Campus | Europa Building, Newton Amphitheatre| Event language: English

Title: Dissemination Event & spread of knowledge on "**Head Trauma Biomechanics and Head protection".**

Keynote speaker: Professor Remy Willinger

Agenda

6:00pm – 6:15pm:	Introduction	Dr. Vassilis Drakonakis, Lecturer, School of Sciences and Engineering, UNIC
6:15pm – 6:30pm:	**University of Nicosia**: "Brain injury in Cyprus"	Dr. George Samoutis, MD, PhD, CCT, PGCertHBE, Assoc. Prof. UNIC Medical School
6:30pm – 7:00pm:	**University of Strasburg**: "Head Trauma Biomechanics and Head protection"	Professor Rémy Willinger, Strasbourg University, Strasbourg-France
7:00pm – 7:15pm:	Discussion	



Event Organizers







Rémy Willinger: Rémy Willinger is Professor at Strasbourg University, Strasbourg-France. Since 1992, he manages a 15 person's research team working on Impact Biomechanics. His background is mechanical engineering applied to biomechanics. The activity ranges from biological tissues identification and modelling to human body characterization followed by mathematical modelling. Once validated the models are used for accident simulation in order to derive tolerance limits relative to specific injury mechanisms. Human models are also coupled to protective systems in order to optimise them in respect to biomechanical criteria. Most of his work addressed the head-neck system. Main result of this research is the development of improved model based head and neck injury criteria for adults and children and their application in protective systems evaluation and optimization.

Rémy Willinger and his research team co-authored aver 100 papers and were involved in 110 contracts, both with industry and public organisations. At EU level main involvement of this research group was in CHILD, APROSYS, ADSEAR and CASPER, ADSEAT, Safe-EV projects. The group also takes part in several EU network activities (3 COST projects, APSN, ISN, EARPA, MOTORIST). Finally, Rémy Willinger is a member of CEN TC 158-WG11 as well as ISO SC36-WG6 working groups and regularly attends ASTM meetings.