

**WORKSHOP within the European project FREEDAM PLUS:
Valorisation of knowledge for FREE from DAMage steel connections,
Sofia, 16.06.2022**

Organised by:   УНИВЕРСИТЕТ ПО АРХИТЕКТУРА СТРОИТЕЛСТВО И ГЕОДЕЗИЯ &  RC Sofia

Venue: **Hall 228, UACEG**
Sofia, Boul. Hristo Smirnenski 1

PROGRAMME:

Hours	Lector / Topic	
09:15-09:45	Registration, distribution of materials	
09:45-10:00	Seminar opening and presentation of the guests (Stefan Kinarev, KIIP, and Nikolaj Rangelov, UACEG)	
10:00-10:30	Nicolaj Rangelov (UACEG, Sofia)	Smart connections for seismic-resistant structures: a brief overview
10:30-11:00	Irena Hadzhiyaneva (UACEG, Sofia)	Design of FREEDAM connections within the framework of Structural Eurocodes
11:00-11:30	Georgi Radoslavov (UACEG, Sofia)	Behaviour and performance of FREEDAM connections: experimental evidence
11:30-12:00	Chavdar Penelov (UACEG, Sofia)	Design guidelines and worked examples of structures equipped with FREEDAM connections
12:00-13:00	Lunch (catering), coffee	
13:00-13:30	Chavdar Penelov (UACEG, Sofia)	Pre-normative design recommendations
13:30-14:00	Nicolaj Rangelov (UACEG, Sofia)	The robustness of structures equipped with FREEDAM connections
14:00-14:30	Irena Hadzhiyaneva (UACEG, Sofia)	Prequalified connection design tools
14:30-15:15	Borislav Belev (UACEG, Sofia)	Seismic protection using friction dampers. Design features, examples of application and practical aspects (special invited lecture)
15:15-15:45	Round table and free discussion, workshop closing	