	THU June 6th	FRI June 7th	SAT June 8th
8:00		**breakfast**	**breakfast**
9:00		**lectures FRI-I**	**lectures SAT**
10:00			**coffee break**
10:15			**lectures SAT**
10:30		**coffee break**	
11:00		**lectures FRI-I**	
11:15			**Poster (P15-P28)**
11:45		**Poster (P1-P14)**	
12:00			**closing**
12:15			**lunch break**
12:30		**lunch break**	
13:30			
14:00	**opening**	**CET visit**	
14:30	**lectures THU**		
15:30	**coffee break**		
16:00	**lectures THU**	**coffee break**	
16:30		**lectures FRI-II**	
16:45	**Poster (P1-P14)**		
17:30			
18:00		**Poster (P15-P28)**	
18:30	**dinner**		
19:00			
20:00		**dinner party**	

THURSDAY 6th		THU	
			Opening
14:00-14:30		Daniel Kytýř & Lajos Borbás	Opening & YSESM history review
			Contributed Lectures
14:30-14:45	P1	Fabian Hauser	REFRACTIVE-INDEX-CORRECTED 3D SUPER RESOLUTION MICROSCOPY OF CELLS
14:45-15:00	P2	Tina Kronsteiner	MECHANO-BIOLOGICAL DEFORMATION RESPONSE OF MESENCHYMAL STEM CELLS ADHERED TO POLYDIMETHYL-SILICONE MEMBRANES
15:00-15:15	P3	Jitka Říhová	MECHANICAL AND STRUCTURAL PROPERTIES OF COLLAGEN NANOFRIBROUS LAYERS UNDER SIMULATED BODY CONDITIONS
15:15-15:30	P4	Adrian Wit	SIMULATION AND OPTIMIZATION OF POROUS BONE-LIKE MICROSTRUCTURES WITH SPECIFIC MECHANICAL PROPERTIES
15:30-16:30			coffee break
16:00-16:15	P5	Andrea Sorrentino	DESIGN AND VALIDATION OF A MINIMALLY INVASIVE ADJUSTABLE TITANIUM PROSTHESIS AS A VERTEBRAL BODY REPLACEMENT
16:15-16:30	P6	Jonathan Glinz	IN-SITU COMPRESSION TEST OF ARTIFICIAL BONE FOAMS IN CONTROLLED ENVIRONMENT USING X-RAY MICRO-COMPUTED TOMOGRAPHY
16:30-16:45	P7	Fabiana Martino	DEFORMATION RESPONSE OF POLYDIMETHYLSILOXANE SUBSTRATES SUBJECTED TO UNIAXIAL QUASI-STATIC LOADING

FRIDAY 7th		FRI-I	
			Invited Lecture
9:00-9:30		Giangiacomo Minak	STRUCTURAL DESIGN OF A SOLAR CAR
			Contributed Lectures
9:30-09:45	P8	Jan Falta	DIRECT MEASUREMENT OF REACTION FORCES DURING FAST DYNAMIC LOADING - APPLICATIONS FOR SHPB AND IT´S MODIFICATION
09:45-10:00	P9	Marcel Adorna	EVALUATION OF HOPKINSON BAR EXPERIMENTS USING SEVERAL DIGITAL IMAGE CORRELATION TOOLS
10:00-10:15	P10	Michaela Neuhäuserová	STRAIN RATE DEPENDENCY OF COMPRESSIVE BEHAVIOUR OF 3D PRINTED SS316L BULK SPECIMENS WITH RESPECT TO PRINTING DIRECTION
10:15-10:30	P11	Anja Mauko	INVERSE COMPUTATIONAL DETERMINATION OF JOHNSON-COOK PARAMETERS USING THE SHPB TEST APPARATUS
10:30-11:00			coffee break
11:00-11:15	P12	Radim Dvořák	NUMERICAL MODELLING OF WAVE SHAPES DURING SHPB MEASUREMENTS
11:15-11:30	P13	Tomáš Doktor	HIGH STRAIN-RATE COMPRESSIVE TESTING OF FILLING MATERIALS FOR INTER-PENETRATING PHASE COMPOSITES
11:30-11:45	P14	Krzysztof Dudek	IMPACT RESISTANCE OF COMPOSITES WITH DIFFERENT TYPES OF INCLUSIONS

FRIDAY 7th		FRI-II	
			Contributed Lectures
16:30-16:45	P15	Arsenii Trush	WIND TUNNEL TESTS FOR LIFETIME ESTIMATION OF BRIDGE AND MAST CABLES EXPOSED TO VORTEX INDUCED VIBRATIONS
16:45-17:00	P16	Maxim Lutovinov	STRAIN MEASUREMENT ON 2124-T851 ALUMINUM NOTCHED BAR SPECIMENS BY DIGITAL IMAGE CORRELATION METHOD
17:00-17:15	P17	Tamás Temesi	MECHANICAL AND OPTICAL INVESTIGATION OF LASER WELDED STRUCTURAL STEEL-PMMA HYBRID JOINT STRUCTURES
17:15-17:30	P18	Michele Mistrulli	A PENDULUM ELECTROMAGNETIC ENERGY HARVESTER
17:30-17:45	P19	Calogero Barone	A TEST BENCH FOR THE EXPERIMENTAL CHARACTERIZATION OF SOLID TRUCK WHEELS: DESIGN, PROTOTYPE, AND VALIDATION
17:45-18:00	P20	Luciano Fissore	CUSTOM-MADE RHEOMETER FOR THE EXPERIMENTAL STUDY OF POLYURETHANE RESIN PU9010

SATURDAY 8th		SAT	
			Contributed Lectures
9:00-09:15	P21	Tamás Temesi	DEVELOPMENT OF AN INJECTION MOULDING SIMULATION ALGORITHM TO CONSIDER THE EFFECT OF SEGREGATION DURING INJECTION MOULDING
09:15-09:30	P22	Luke Mizzi	LIGHTWEIGHT AUXETIC METAMATERIALS DESIGNED THROUGH TRUSS NETWORKS
09:30-09:45	P23	Mattia Frascio	ADDITIVE MANUFACTURING PROCESS PARAMETER INFLUENCE ON MECHANICAL STRENGTH OF ADHESIVE JOINTS, PRELIMINARY ACTIVITIES
09:45-10:00	P24	Francesca Concas	MULTIAXIAL INVESTIGATION OF PVC FOAMS AND ANALYSIS OF THE DEFORMATION MECHANISM BY 3D-DIC
10:00-10:15			coffee break
10:15-10:30	P25	Eva Heiml	EXPERIMENTAL INVESTIGATION AND SIMULATION OF 3D-PRINTED LATTICE STRUCTURES
10:30-10:45	P26	Florian Kiehas	COMBINED APPROACH OF TOPOLOGY AND PARAMETER OPTIMIZATION FOR THE DESIGN OF LIGHTWEIGHT MULTICOPTER DRONES
10:45-11:00	P27	Markus Wimmer	FEASIBILITY STUDY: MULTIPHOTONLITHOGRAPHY