

36th Danubia Adria Symposium on Advances in Experimental Mechanics

www.das2019.zcu.cz

PRELIMINARY PROGRAM (subject to change)

September 24–27, 2019

Plzeň (Pilsen), Czechia (Czech Republic)

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City of  Pilsen



Organized by

University of West Bohemia, Faculty of Applied Sciences, Department of Mechanics

www.kme.zcu.cz

under the auspices of the Dean of the faculty doc. Dr. Ing. Vlasta Radová

Co-organized by

Austrian Society of Experimental Strain Analysis (ASESA)
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Local organizing committee

Robert Zemčík, Jan Krystek, Sandra Kaňáková, Tereza Vaňková

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About the symposium

Each year since 1984, the Danubia-Adria Symposium on Advances in Experimental Mechanics brings together internationally recognized experts and young researchers in an effort to exchange ideas in different topics having as common link EXPERIMENTAL MECHANICS. The symposium acts also as a platform for establishing connections between different research groups that are trying to establish future scientific collaboration.

The symposium is focused on experimental and measuring methods necessary to deepen the knowledge about the mechanical behavior of materials, mechanical structures, and systems, and to provide the physical bases and verification of numerical or analytical methodologies in engineering design.

As a tradition in the Danubia Adria Symposia, a special competition, open to doctoral, graduate and undergraduate students will be organized. The scientific committee will be the jury that will assign three prizes for the best papers presented by the students.

The symposium will consist of oral and poster presentations. Selected contributions presented at the symposium will be recommended for publication in Elsevier journal Materials Today Proceedings.

Main topics

Structural analysis: experimental tests, structural health monitoring, system identification, damage assessment, self-adaptive structures

Materials characterization and testing: smart materials, residual stress, fatigue, fracture, creep

Practical applications and case-studies

Biomechanics: biomaterials, biomechanics, medical and orthopedic devices, biofluid mechanics

Instrumentation: new sensors and actuators, advanced measurement systems; Validation and reliability of instrumentation

Integration of mathematical/numerical methods with experimental mechanics

Program overview

Tuesday	Wednesday	Thursday	Friday
	Sessions 1 & 2	Sessions 5 & 6	Sessions 8 & 9
	Lunch	Lunch	Lunch
Registration	Sessions 3 & 4	Session 7	
	<i>Trip for accompanying persons</i>	Excursion	
	Committee meeting		
Welcome reception	Dinner	Gala dinner	

Sponsors

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Scientific program

Tuesday, September 24

TIME	ACTIVITY	PLACE
16:00	REGISTRATION START	FOYER
19:00	WELCOME RECEPTION – SNACK & DRINK	EMPORIO
21:00	REGISTRATION END	FOYER

NOTES:

The number in brackets following the presentation title corresponds to abstract/registration ID.

Student presentations are marked with (S) and they will be included in the competition.

Wednesday, September 25

TIME	ACTIVITY / AUTHORS	PLACE / TITLE (ID)
8:00	REGISTRATION START	FOYER
9:00	CONFERENCE OPENING	CONFERENZA HALL
SESSION 1		
9:15	Lars KANZENBACH, Jörn IHLEMANN (S)	DEVELOPMENT OF A SHEAR DEVICE FOR PRECISE SHEAR MEASUREMENTS OF RUBBER MATS (20)
9:35	Atsumi OHTSUKI	AN INNOVATIVE METHOD FOR MEASURING YOUNG'S MODULUS OF FLEXIBLE MULTI-LAYERED MATERIALS (TENSILE RING METHOD) (9)
9:55	M. STADLER, P. PELZMANN, F. BLEICHER (S)	DESIGN AND IMPLEMENTATION OF AN INEXPENSIVE, HIGH RESOLUTION DISPLACEMENT AND VELOCITY SENSOR (21)
10:00	Dijana DAMLJANOVIĆ, Đorđe VUKOVIĆ, Jovan ISAKOVIĆ, Marko MILOŠ	SPECIAL-PURPOSE STRAIN-GAUGE BALANCE FOR ONE WING PANEL OF A WIND TUNNEL MODEL (1)
10:05	Cheng-Chieh WU, Sven WEISBRICH, Mathias BURGER, Frank NEITZEL (S)	A FOUR-POINT BENDING TEST APPARATUS FOR MEASUREMENT- AND MODEL-BASED STRUCTURAL ANALYSIS (26)
10:10	Thomas LEHMANN, Jörn IHLEMANN	STRAIN ANALYSIS OF CORD-RUBBER COMPOSITES USING DIC (32)
10:15	Eva BINDER, Roland REIHSNER, Olaf LAHAYNE, Josef EBERHARDSTEINER, Bernhard L. A. PICHLER	ADAPTATION OF A CRUCIFORM TESTING MACHINE ZWICK/ROELL Z050 FOR BIAXIAL COMPRESSION CREEP EXPERIMENTS (51)
10:20	Edgar PERETZKI, Thomas LEHMANN, Martin STOCKMANN, Jörn IHLEMANN (S)	STRAIN ANALYSIS IN NARROW BOREHOLES BY MEANS OF MICROSCOPIC DIGITAL IMAGE CORRELATION (52)
10:25	Marek STEPNOWSKI, Iga KOWALIK, Paweł PYRZANOWSKI (S)	ELECTRICAL RESISTANCE TOMOGRAPHY IN A SMALL THIN SQUARE-SHAPED AREA (56)
10:30	Mariusz STAŃCO, Paulina DZIAŁAK	EFFECT OF THE SEMI-ELLIPTIC SPRING MOUNTING ON ITS STIFFNESS (57)
10:35	POSTER DISCUSSION & COFFEE BREAK	FOYER

SESSION 2		
11:15	Ivatury S. RAJU	TWO REAL LIFE SPACE FLIGHT PROBLEMS (NASA LaRC)
11:50	Nikolaos D. ALEXOPOULOS, Christina Margarita CHARALAMPIDOU, Paraskevas PAPANIKOS, Stavros K. KOURKOULIS	SIMULATION OF THE CORROSION-INDUCED CRACKS WITH EQUIVALENT ARTIFICIAL SURFACE NOTCHES (80)
11:55	Adrian PASCU, Valentin OLESIK, Eugen AVRIGEAN	STRESS AND STRAIN DISTRIBUTION IN PERFORATED PLATE LOADED IN MEDIAN PLANE (50)
12:00	Stipe PERIŠIĆ, Jani BARLE (S)	THE USAGE OF RANDOM DECREMENT METHOD FOR LINEAR DAMPING ESTIMATION (30)
12:05	Paweł MAŚLAK, Tadeusz SMOLNICKI	SIMULATION AND THERMAL ANALYSIS OF GLASS BLOWING (53)
12:10	Milan UHRÍČIK, Peter PALČEK, Patrícia HANUSOVÁ, Tatiana ORŠULOVÁ	EVALUATION OF INTERNAL DAMPING ON MAGNESIUM ALLOY DEPENDING ON THE TEMPERATURE USING BY MATHEMATICAL METHODS (17)
12:15	Tereza ZÁMEČNÍKOVÁ, Tomáš MAREŠ, Viktor KULÍŠEK, Anna MALÁ (S)	COMPARISON OF METHODS FOR CALCULATION THE DEFLECTION OF COMPOSITE WOUND TUBES (27)
12:20	Matic ŠOBAK, Ivan JERMAN, Anastasiya GOLYADKINA, Anatolij NIKONOV (S)	DEVELOPMENT OF EXPERIMENTAL METHODS FOR DETERMINATION OF RHEOLOGICAL PROPERTIES OF POLYMERIC FILMS (18)
12:25	POSTER DISCUSSION	FOYER
13:00	LUNCH	EMPORIO
SESSION 3		
14:30	Helmut J. HOLL, Martin PFAFFENBAUER	DESIGN AND CONSTRUCTION OF A ROTOR TEST BENCH FOR TESTING SENSORS (68)
14:50	Stevan CRNOJEVIĆ, Nenad LATKOVIĆ, Nenad KOLAREVIĆ, Marko MILOŠ	EXPERIMENTAL VERIFICATION OF NUMERICAL SIMULATION OF THE FLOW INSIDE THE TIP-JET HELICOPTER PROPULSION SYSTEM (65)
15:10	Mariusz STAŃCO, Jerzy CZMOCHOWSKI, Paweł MAŚLAK	LOADS ACTING ON THE SPARE WHEEL DURING OPERATING THE TRUCK (73)

15:15	Susann HANNUSCH, Katharina SCHICH, Edgar PERETZKI, Thomas LEHMANN, Jörn IHLEMANN (S)	INVESTIGATION OF FIBRE BRAGG GRATING RESPONSE UNDER INHOMOGENEOUS DEFORMATIONS (77)
15:20	Johannes Philipp TERHECHTE, Anna-Lena BERSCHIED, Ilona HORWATH	DEVELOPMENT OF A CYBER-PHYSICAL SIMULATION ASSISTANCE SYSTEM FOR PARTIALLY AUTOMATED OPTIMIZATION OF THE EXTRUSION PROCESS (4)
15:25	Nicolas P. WINKLER, Achim J. LILIENTHAL, Patrick P. NEUMANN	BOOSTING A LOW-COST SENSOR NETWORK WITH MOBILE HIGH-QUALITY SENSORS (25)
15:30	Patrick P. NEUMANN, Paul HIRSCHBERGER, Matthias BARTHOLMAI	INFLUENCE OF ROTOR DOWNWASH ON VERTICALLY DISPLACED NANOBOTS IN FLIGHT (6)
15:35	Łukasz BEREŚ, Jerzy GRYGORCZUK, Marcin OBSZAŃSKI, Paweł PYRZANOWSKI	LEVERING IN THE TOOTHED CLAMP GEAR – INITIAL INVESTIGATIONS (62)
15:40	Dan DUMITRIU, Marius IONESCU, Daniel Octavian MELINTE	NEW SCISSOR-GRASPING TOOL FOR PARALLEL GRIPPERS, ENSURING STROKE ENHANCEMENT (63)
15:45	Reza MOEZZI, David KRCMARIK, Jaroslav HLAVA (S)	HYBRID SLAM MODELLING OF AUTONOMOUS VEHICLE WITH AUGMENTED REALITY DEVICE (66)
15:50	POSTER DISCUSSION & COFFEE BREAK	FOYER
SESSION 4		
16:30	Petra BAGAVAC, Lovre KRSTULOVIĆ-OPARA, Željko DOMAZET (S)	THE DAMAGE DEPTH EVALUATION BASED ON THE ACTIVE IR THERMOGRAPHY (36)
16:50	Zsófia PÁLYA, Rita M. KISS (S)	BIOMECHANICAL ANALYSIS OF THE EFFECT OF COMPRESSION SPORTSWEAR ON RUNNING (47)
17:10	Zdravko VIRAG, Fabijan LULIĆ, Ivan KORADE	A NOVEL MULTI-ELEMENT, FOUR-PARAMETER WINDKESSEL MODEL OF THE ARTERIAL TREE (8)
17:15	Zbigniew L. KOWALEWSKI, Grzegorz SZCZĘSNY, Tomasz LIBURA, Adam BRODECKI	DESTABILIZATION OF THE COMMUNUTED CLAVICLE SHAFT FRACTURE DUE TO BREAKAGE OF THE TITANIUM LOCKING PLATE – MECHANICAL ANALYSIS (14)

17:20	Benjamin CSIPPA, Richárd WÉBER, Zsolt KŐSZEGI, Attila JUHÁSZ, György PAÁL (S)	EFFECT OF CONTRAST MATERIAL PROPERTIES DURING INJECTION INTO CORONARY BLOOD FLOW (23)
17:25	Libor LOBOVSKÝ, Martin SALÁŠEK, Milada KREJČOVÁ, Michaela MAREŠOVÁ, Jana HARTLOVÁ, Radek TUPÝ, Tomáš PAVELKA, Jiří KŘEN	MINIMALLY INVASIVE INTERNAL FIXATION TECHNIQUES FOR MANAGEMENT OF SACRAL BONE INJURIES (44)
17:30	Jan KONVALINKA, Zdeněk FLORIAN, Petr MARCIÁN (S)	THE INFLUENCE OF THE CALLUS SHAPE AND LEVEL OF CONSOLIDATION ON STRESS AND STRAIN IN FEMUR WITH DISTRACTION INTRAMEDULLARY NAIL-FE STUDY (58)
17:35	Luis ZELAYA-LAINEZ, Olaf LAHAYNE, Giuseppe BALDUZZI, Christian HELLMICH (S)	MICROMECHANICS OF NON- EMBEDDED SPRUCE WOOD: NOVEL POLISHING AND INDENTATION PROTOCOL (78)
17:40	Luis ZELAYA-LAINEZ, Giuseppe BALDUZZI, Kyojiro N. IKEDA, Florian RAIBLE, Christian HELLMICH	PLATYNEREIS DUMERILII CHAETAE: MECHANICAL LOADING ESTIMATION FROM KINEMATICS IN LARVA STAGE (79)
17:45	POSTER DISCUSSION	FOYER
18:30	DAS COMMITTEE MEETING	BASSO A
19:30	DINNER	EMPORIO

START	ACTIVITY / AUTHORS	PLACE / TITLE (ID)
9:00	DAS 2020 – FIRST ANNOUNCEMENT	CONFERENZA HALL
SESSION 5		
9:15	Kailash N. PANDEY, Ketan GUPTA	EFFECT OF SHALLOW AND DEEP CRYOGENIC TREATMENT ON TRIBOLOGICAL PROPERTIES OF MONEL K-500 (45)
9:35	Elżbieta PIECZYSKA, Zbigniew KOWALEWSKI, Vladimir DUNIĆ, Radovan SLAVKOVIĆ, Ryosuke MATSUI	INVESTIGATION OF MECHANICAL AND THERMOMECHANICAL EFFECTS IN SHAPE MEMORY ALLOY DURING TRANSFORMATION-INDUCED CREEP PHENOMENA (41)
9:55	Ervin KAMENAR, Marko PERČIĆ, Saša ZELENKA, Iva ŠARIĆ, Daria JARDAS, Petar GLJUŠČIĆ (S)	LFM CHARACTERIZATION OF TiO ₂ FILMS ON A NANOINDENTER (11)
10:00	Lenka KUCHARIKOVÁ, Eva TILLOVÁ, Mária CHALUPOVÁ, Tatiana ORŠULOVÁ	EFFECT OF HEAT TREATMENT AND DIFFERENT AMOUNTS OF Mg ON THE MICROSTRUCTURE AND HARDNESS OF Al-Si-Mg CAST ALLOYS (12)
10:05	Denisa MEDVECKÁ, Eva TILLOVÁ, Lenka KUCHARIKOVÁ, Mária CHALUPOVÁ, Denisa ZAVODSKÁ, Alan VAŠKO (S)	INFLUENCE OF IRON CONTENT ON MECHANICAL PROPERTIES OF SECONDARY AlZn ₁₀ Si ₈ Mg CAST ALLOY (33)
10:10	Paweł MAŚLAK, Tomasz DOBOSZ	ANALYSIS AND SIMULATION FILTRATION ORE DURING THE PROCESS OF ORE ENRICHMENT (43)
10:15	Sebastian SPRINGER, Wolfgang SCHNELLER, Martin LEITNER, Florian GRÜN (S)	INFLUENCE OF SURFACE ROUGHNESS ON ADDITIVELY MANUFACTURED ALUMINUM COMPONENTS (49)
10:20	Dimos TRIANTIS, Dimitri K. TSAOUSI, Ermioni D. PASIOU, Stavros K. KOURKOULIS	ELECTRIC AND ACOUSTIC ACTIVITY IN NOTCHED FIBER- REINFORCED CONCRETE BEAMS UNDER THREE-POINT BENDING (54)
10:25	Robert UŚCINOWICZ	EXPERIMENTAL IDENTIFICATION OF ELASTOPLASTIC PROPERTIES OF AL/CU BIMETALLIC SHEET OBTAINED BY COLD ROLLING (64)

10:30	Adam TOMCZYK, Andrzej SEWERYN	MONOTONIC TENSILE, CREEP AND FATIGUE TESTS OF ALUMINUM ALLOY ACCOUNTING FOR DYNAMIC RECRYSTALLIZATION (76)
10:35	POSTER DISCUSSION & COFFEE BREAK	FOYER
SESSION 6		
11:15	Alan VAŠKO	STRUCTURE AND FATIGUE PROPERTIES OF SiMo AND SiCu TYPES OF NODULAR CAST IRON (28)
11:35	Michal MÁRA, Petr KONRÁD, Jindřich FORNŮSEK, Jan ZATLOUKAL, Michal FRYDRÝN, Tomáš MIČUNEK, Radoslav SOVJÁK	DEVELOPMENT OF MOBILE ROAD BARRIER MADE OF ULTRA-HIGH PERFORMANCE FIBRE-REINFORCED CONCRETE (61)
11:55	František NOVÝ, Libor TRŠKO, Otakar BOKŮVKA, Michal JAMBOR, Filip PASTOREK, Miloš MIČIAN, Daniel HARMANIAK	PROPERTIES OF WELDED LOW-ALLOY STEEL AFTER ULTRASONIC IMPACT PEENING APPLICATION (2)
12:00	Florin BACIU, Aurelia RUSU-CASANDRA, Ștefan Dan PASTRAMĂ	INFLUENCE OF STRAIN RATE ON THE MECHANICAL PROPERTIES OF STEEL (7)
12:05	Petar GLJUŠČIĆ, Saša ZELENKA, Marina FRANULOVIC (S)	MINIATURIZED WEARABLE BROADBAND ENERGY HARVESTERS (3)
12:10	Boris HUBER, Reinhard PRENNER, Norbert KROUZECKY	BOOSTING THE DISCHARGE OF A HYDROPOWER PLANT (16)
12:15	Olena RUBANENKO, Vitalii YANOVYCH, Olexander RUBANENKO	INFLUENCE OF VIBRATION OF CONTACTS ON FURTHER OPERATION OF HIGH-VOLTAGE SWITCHES (72)
12:20	Patrícia HANUSOVÁ, Peter PALČEK, Milan UHRÍČIK, Mária CHALUPOVÁ (S)	ANALYSIS OF THE CAUSE OF FAILURE OF TITANIUM ENDOPROSTHESIS (29)
12:25	Jani BARLE, Stipe PERIŠIĆ, Đorđe DOBROTA (S)	ON THE POSTERIOR PREDICTIVE IN BAYESIAN FAILURE ANALYSIS (31)
12:30	POSTER DISCUSSION	FOYER
13:00	LUNCH	EMPORIO
SESSION 7		
14:30	Christos F. MARKIDES, Stavros K. KOURKOULIS	TOWARDS ALTERNATIVE CONFIGURATIONS TO DETERMINE THE TENSILE STRENGTH OF BRITTLE MATERIALS (46)
14:50	Michal MÁRA, Petr MÁČA, Radoslav SOVJÁK, Manfred CURBACH	FRACTURE SURFACE OF NORMAL STRENGTH CONCRETE UNDER VARIOUS LOADING RATES (60)

14:55	Jelena ŽIVKOVIĆ, Vladimir DUNIĆ, Miroslav ŽIVKOVIĆ, Nenad GRUJOVIĆ	NUMERICAL ANALYSIS OF DUCTILE FRACTURE (81)
15:00	Grzegorz SOCHA	SIMPLE CALIBRATION METHOD OF MIXED, STRAIN- STRESS FAILURE CRITERION FOR DUCTILE MATERIALS (34)
15:05	Falk HILLE, Damian SOWIETZKI, Ruben MAKRIS	LUMINESCENCE-BASED EARLY DETECTION OF FATIGUE CRACKS (24)
15:10	Dan Mihail COSTESCU, Anton HADĂR, Ștefan Dan PASTRAMĂ	A NEW SOLUTION FOR IMPACT ENERGY DISSIPATION DURING COLLISION OF RAILWAY VEHICLES (10)
15:15	Deborah NERGER, Falk HILLE, Robabeh MOOSAVI, Marcel GRUNWALD, Bernhard REDMER, Tino KÜHN, Marcus HERING, Franz BRACKLOW	POST-IMPACT EVALUATION AT RC PLATES WITH PLANAR TOMOGRAPHY AND FEM (22)
15:20	Radek KOTTNER, Sandra KAŇÁKOVÁ, Tomasz BOŇKOWSKI, Ronaldo YEUNG, André PUKARO	IMPROVEMENT OF IMPACT PROTECTION BY KORDCARBON-CPREG-200- T-3K-EP1-42-A COMPOSITE (59)
15:25	Andrzej KOMOREK, Paweł PRZYBYŁEK, Robert SZCZEPANIAK, Marek ROŠKOWICZ	THE EFFECT OF LOW ENERGY IMPACT LOADS ON THE FLEXURAL STRENGTH OF A SANDWICH- STRUCTURED COMPOSITE WITH HEREX CORE (85)
15:30	POSTER DISCUSSION & COFFEE BREAK	FOYER
16:30	DEPARTURE OF BUS FROM HOTEL	YOU CAN ALSO WALK OR USE LOCAL TRANSPORTATION INSTEAD
17:00	EXCURSION WITH BEER TASTING	MEETING POINT IN THE BREWERY COURTYARD - VISITOR CENTRE. WARNING - THE CELLARS ARE WET AND COLD! TAKE SOME JACKET/SWEATER.
19:00	GALA DINNER & BEST STUDENTS' PRESENTATION AWARDS	BREWERY
22:00	DEPARTURE OF BUS BACK TO HOTEL	YOU CAN ALSO WALK OR USE LOCAL TRANSPORTATION INSTEAD

Friday, September 27

START	ACTIVITY / AUTHORS	PLACE / TITLE (ID)
SESSION 8		
9:00	Ștefan SOROHAN, Dan Mihai CONSTANTINESCU, Marin SANDU, Adriana SANDU	USING POINT SYMMETRY IN FINITE ELEMENT ANALYSES (40)
9:20	Barbara ZUPANČIČ, Urška FLORJANČIČ, Anatolij NIKONOV, Igor EMRI	TAILORING MECHANICAL PROPERTIES OF POLYAMIDE BY AFFECTING ITS INHERENT STRUCTURE (5)
9:40	Francesca COSMI, Alberto DAL MASO	MECHANICAL CHARACTERIZATION OF SLA 3D-PRINTED PARTS (74)
9:45	Peter FICZERE, Lajos BORBÁS, Gábor SZEBÉNYI	EXPERIMENTAL INVESTIGATIONS TO DETERMINE THE DYNAMICAL BEHAVIORS OF THE 3D PRINTED PLA (13)
9:50	Szabolcs BEREZVAI, Attila KOSSA, Adam K. KISS	VALIDATION METHOD FOR THICKNESS VARIATION OF THERMOPLASTIC MICROCELLULAR FOAMS USING PUNCH TESTS (37)
9:55	Robert KIEßLING, Jörn IHLEMANN	EXPERIMENTAL INVESTIGATION OF THE DEPENDENCE OF THE VISCOELASTIC PROPERTIES OF POLYAMIDE 6 ON TEMPERATURE AND HUMIDITY (38)
10:00	Zvonimir TOMIČEVIĆ, Benjamin SMANIOTTO, Amine BOUTERF, Clément JAILIN, Arturo MENDOZA-QUISPE, François HILD	IN-SITU CYCLIC EXPERIMENT ON GLASS FIBER REINFORCED COMPOSITES MONITORED VIA μ -TOMOGRAPHY (48)
10:05	Tomáš KROUPA, Hana ZEMČÍK, Robert ZEMČÍK, Petr KADLEC, Josef PIHERA	MECHANICAL TESTING OF KAPTON FILMS (70)
10:10	Robert ZEMČÍK, Jan KRYSTEK, Tomáš MANDYS, Vladislav LAŠ, Petr PRŮCHA	TESTING OF SANDWICH SPECIMENS FOR SPACE APPLICATIONS (71)
10:15	F. COSMI, A. NICOLOSI, S. SACCO, L. SAIBENE, L. ABDI-ALI, G. SAVIOLA	BONE FRACTURE RISK: DENSITY AND MICROARCHITECTURE (39)
10:20	POSTER DISCUSSION & COFFEE BREAK	FOYER
SESSION 9		
11:00	Attila KOSSA	ADHESION OF ELASTIC PUNCH TO CONFINED ELASTIC LAYER (15)

11:05	Dino HÜLLMANN, Patrick P. NEUMANN, Achim J. LILIENTHAL	GAS DISPERSION FLUID MECHANICS SIMULATION FOR LARGE OUTDOOR ENVIRONMENTS (19)
11:10	Miroslav ŽIVKOVIĆ, Vladimir MILOVANOVIĆ, Nikola JOVANOVIĆ, Milan BOJOVIĆ	EXPERIMENTAL AND NUMERICAL INVESTIGATION OF SLIDING BOLT CONNECTION ON THE TANK WAGON (82)
11:15	Nikola SCHMIDOVÁ, Milan RŮŽIČKA, Karel DOUBRAVA, Milan DVORÁK	DELAMINATION DETECTION USING ELECTRICAL RESISTANCE CHANGE METHOD AND ITS RELIABILITY (84)
11:20	Wyman ZHUANG	EXPERIMENTAL INVESTIGATION OF FATIGUE BEHAVIOUR OF ADDITIVELY MANUFACTURED AIRCRAFT STRUCTURAL MATERIALS (86)
11:25	Karel DOUBRAVA, Milan DVORÁK, Nikola SCHMIDOVÁ, Tomáš KOSTROUN, Jan VÁCLAVÍK, Milan RŮŽIČKA	EXPERIMENTAL ANALYSIS OF COMPOSITE JET ENGINE AIR INLET (83)
11:30	Vitalii YANOVYCH, Daniel DUDA, Olena RUBANENKO, Václav URUBA	DEVELOPMENT OF VIBRATION EQUIPMENT FOR THE PRODUCTION OF POLYCOMPONENT PHYTOMIXTURES (69)
11:35	CONFERENCE CLOSING	CONFERENZA
11:50	POSTER DISCUSSION	FOYER
12:30	LUNCH	EMPORIO

Social program

Wednesday, September 25

(for accompanying persons and other enlisted participants only)

START	ACTIVITY	DETAILS
12:00 !!!	LUNCH	EMPORIO – LUNCH WILL BE SERVED EARLIER FOR YOU
13:00	DEPARTURE OF BUS FROM HOTEL	20 MIN. RIDE TO STARÝ PLZENEC
15:10	KOZEL CHATEAU	45 MIN. AUDIOGUIDE TOUR, FREE WALKING IN PARK & CAFÉ
16:30	GROUP A) BOHEMIA SEKT	90 MIN. GUIDED TOUR WITH SPARKLING WINE TASTING
16:30	GROUP B) RADYNĚ CASTLE & ROTUNDA	30+30 MIN. WALK TOURS (SUBJECT TO WEATHER CONDITIONS)
18:00	DEPARTURE OF BUS BACK TO HOTEL	20 MIN. RIDE

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<https://www.hrad-radyne.cz/fotogalerie/hrad/>

<http://www.rotunda-hurka.cz/fotogalerie/rotunda-sv-petra-a-pavla/>

Thursday, September 26

(same for all participants)

START	ACTIVITY	DETAILS
16:30	DEPARTURE OF BUS FROM HOTEL	YOU CAN ALSO WALK OR USE LOCAL PUBLIC TRANSPORT INSTEAD
17:00	EXCURSION WITH BEER TASTING	MEETING POINT IN THE BREWERY COURTYARD – VISITOR CENTRE. WARNING – THE CELLARS ARE WET AND COLD! TAKE SOME JACKET/SWEATER.
19:00	GALA DINNER & BEST STUDENT'S PRESENTATION AWARDS	BREWERY – SECESE HALL
22:00	DEPARTURE OF BUS BACK TO HOTEL	YOU CAN ALSO WALK OR USE LOCAL PUBLIC TRANSPORT INSTEAD

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