

DAY 1 – THURSDAY MAY 19

8.00	Participants registration
10.30	ICIR Opening Ceremony
11.00	KEYNOTE SPEAKER SESSION Chairman: Prof.Dr.Eng. Petrica VIZUREANU, Prof.Dr. Mohd Mustafa Al Bakri ABDULLAH, Prof.Dr.Eng. Nicolai Eugen SEGHEIDIN Prof.Dr. Ion SANDU
11.00	Keynote Speaker 1 – Muhd Fadhil NURUDDIN <i>Geopolymer Binders: A Review</i>
11.30	Keynote Speaker 2 – Cornel SAMOILA <i>Remote Experiment and Creativity</i>
12.00	Keynote Speaker 3 – Norsuria MAHMED <i>Multifunctional Magnetic-Core Nanoparticles</i>
12.30	Keynote Speaker 4 – Neculai Eugen SEGHEIDIN <i>Creativity, University, City</i>
13.00	Tenaris Silcotub – Company Presentation
14.00	LUNCH – Cosmopolitan Restaurant – Ground Floor
16.00	Session 1 Chairman: Prof.Dr. Rodica Mariana ION Prof.Dr. Mohd Mustafa Al Bakri ABDULLAH
16.00	Kseniya SHMAKOVA - Production Feature of Soft Magnetic Amorphous Alloys
16.20	Vlad JINGA - Tribological Properties of Ternary Nanolayers, Obtained from Simple/Compound Materials
16.40	Ioana CSAKI - Synthesis and Characterization of a New High Entropy Composite Matrix
17.00	Zainab HAMZAH - Green Bio-oil Extraction Technique for Oil Crops
17.20	COFFEE BREAK
17.40	Session 2 Chairman: Prof.Dr. Ta-Peng CHANG Prof.Dr. Cornel SAMOILA
17.40	Michael AIZENSSTEIN - Wetting and Spontaneous Infiltration: The Case Study of TaC/(Au, Al and Cu) Compared to TiC/Cu
18.00	Daniel Tudor COTFAS - Investigation of the Photovoltaic Cell/ Thermoelectric Element Hybrid System Performance
18.20	Mohammad Firdaus Abu HASHIM - Effect of Geopolymer filler in Glass Reinforced Epoxy (GRE) Pipe for Piping Application: Mechanical Properties
18.40	Rodica Mariana ION - Effects of the Restoration Mortar on Chalk Stone Buildings
19.00	End of Conference Day Cocktail Restaurant Phenicie – Copou (Str. Catargi)

DAY 2 – FRIDAY MAY 20**Session 3**

10.00 Chairman: Prof.Dr. Victor GEANTA
Prof.Dr. Gabi DROCHIOIU

10.00 Invited Speaker - **Ismail HANAFI**
Poly (Vinyl Chloride) / Epoxidized Natural Rubber / Kenaf Core Powder Composites : Novel Approaches to Improve the Properties

10.30 **Ioana CSAKI** - *Morphological Characterization of Complex Powder used for Protective Coatings for Geothermal Plant Components*

10.50 **Mohd N AZZERI** - *A Concept Design of Three Rudders-Shaped Like Body in Columns for Low-Drag USV*

11.10 **Vasile PELIN** - *Colour Change Evaluation on UV Radiation Exposure for Păun-Repedea Calcareous Geomaterial*

11.30 **S C HUANG** - *A 9 Screen Diagram for Economics Instruction*

11.50 **COFFEE BREAK**

Session 4

12.00 Chairman: Prof.Dr. Che Mohd Ruzaidi GHAZALI
Prof.Dr.Eng. Petrica VIZUREANU

12.00 Invited Speaker – **Elisabeta BERCEANU**
Innovative Research – Key Role of Patent for Invention

12.30 **Simona STOLERIU** - *The Effect of Erosion and Abrasion on Surface Properties of Composite Resin*

12.50 **Vayos KARAYANNIS** - *Development of Tailored Ceramic Microstructures using Recycled Marble Processing Residue as Pore-former*

13.10 **Marius MUNTEANU** - *The Implications of Free 3D Scanning in the Conservation State Assessment of Old Wood Painted Icon*

13.30 **Conference Closure**