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**2<sup>nd</sup> Chemical Research Conference, 6<sup>th</sup> June 2024, Foyer of Lecture Theatre  
Under European Institute of Technology Project: HEI4S3-RM**

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9:30 – 10:00 REGISTRATION

**1<sup>st</sup> SESSION Chairman Assoc. Prof. N. Mittas**

10:00 – 10:05 Conference Opening

10:05 – 10:30 Plenary Lecture “Research Opportunities”: A. Tsoupras

10:30 – 10:45 Development of a hybrid water-soluble porphyrin-carbon dot material as phototherapeutic agent  
S. Chouliaras, S. Eginoglou, M. Katsanopoulou, C. Tsamtzidou

10:45 – 11:00 Evaluation of bioactives’ content and antioxidant capacity of avocado by-products  
N. Koutis, V. Manousakis, G. Zervas

11:00– 12:00 POSTER SESSION & COFFEE BREAK

**2<sup>nd</sup> SESSION Chairman Assist. Prof. K. Ladomenou**

12:00 – 12:15 The effect of nanobubbles on the diffusion of ink fractality  
I. Xylouri, D. Pliakouras, M. Tsaroucha, E. Tsintziras

12:15 – 12:30 Synthesis and characterization of emulsions with lipid nanoparticles for transdermal delivery of retinol and hyaluronic acid  
K. Koutsogianni, V. Mesazou, D.R. Bitsos, K. Tsakiri

12:30 – 12:45 Use of recycled and specially processed expanded polystyrene as aggregate material in cement mortar: study of mechanical and thermal properties  
A. Azoidou,, K. Ntinidou, M. Mero, A. Terzopoulou

12:45 – 13:00 Investigation of factors affecting purchase intention towards green cosmetics among Gen Z consumers in Greece  
Amygdalou Anna, Zafeiriadis Nikolaos, Kalafatas Angelos, Orfanidis Eftichios, Tsifetaki Ioanna, Chatzimanoli Vasiliki

13:00-13:30 PRIZE COMMITTEE EVALUATION & LUNCH BREAK

**3<sup>rd</sup> SESSION Chairman Prof. A. Mitropoulos**

13:30-13:35 Prof. Ana Suarez Vazquez, HEI4S3-RM Project Leader  
13:35-14:00 Prize Awards

CONFERENCE CLOSURE & COMMEMORATIVE PHOTO

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