



3rd Chemical Research Conference, 28th of May 2025
Foyer of Lecture Theatre

9:30 – 10:00 REGISTRATION

1st SESSION Chairman Assoc. Prof. N. Mittas

- 10:00 – 10:05 Conference Opening
- 10:05 – 10:30 Plenary Lecture “Chemistry and Research: The Story of an Award- Winning Team”- K. Ladomenou
- 10:30 – 10:45 A novel experimental approach to tortuosity measurement using centrifugal gas dynamics and AI
N. Kentroti, E. Koumlia, G.D. Kritikou, P.V. Liouni, E.Noula, L.Sparangi, I. Tsolakidi
- 10:45 – 11:00 From farm to fork”: processing factor insights into pesticide residue dissipation in tomatoes
R. Kitsos, A. Konstantoulis, I. Maziotis, A. Papadopoulou, K. Fragkos

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

2nd SESSION Chairman Assist. Prof. C. Nannou

- 12:00 - 12:15 Development and study of a sensitized photocatalytic system with metalloporphyrin
P.Bantas, M.Brousa, E.A.Kapetanaki, E.Tourtoura, J.Voudouris
- 12:15 - 12:30 Mapping skills demand in the workforce of the chemical industry: empirical evidence from the skillab platform
K. Anthopoulos, G. Kouinelis, N. Orologidi, M. Polychrou, A. Sarika
- 12:30 – 12:45 Removal of anionic and cationic dyes from water and real wastewater by tetravalent tin-based novel coagulants
E. Arvaniti, A. Giannoulaki, P. Chalkidi, S. Kritaki, S. Fykari
- 12:45 – 13:00 Development of patches with microneedles for targeted transdermal delivery of active ingredients
M. Galani, D. Gelbas,, K. Kyratzi, M. Nenou, D. Thanou
- 13:00 – 13:15 Sustainable 3D Printing: Mechanical performance of PLA reinforced with PCB e-waste
V. Flindri, A. Gklotsou,G-P Kalatzis, T. Kyrizakis
- 13:15 – 13:30 Production and characterization of biofuel from spent coffee grounds
A. Kapaka, S. Koukoumtzi, M. Loukas, M. Mpotani, V. Savva
- 13:30 – 13:45 Can cement mortar be safely used as construction material for apple pomace fermentation tanks?
E. Tsavdaridis, S. Tsataliou, M. Louzi, A. Zontanou, M. Kokontini

13:45-14:15 EVALUATION & LUNCH BREAK

3rd SESSION Chairman Prof. A. Mitropoulos
14:15-14:30 Prize Awards

CONFERENCE CLOSURE & COMMEMORATIVE PHOTO