

THURSDAY, 13TH JUNE

8:30-9:15	PL3 - Avelino Corma: Inspiration from research and technology by ENI and G. Bellussi (Chair: Maksym Opanasenko)
9:20-10:40	Session Th-1
9:20-9:40	O23 - VESELY: Zeolites in Pechmann condensation: Impact of framework topology and type of acid site
9:40-10:00	O24 - CASTOLDI: Metal-doped zeolites for low-T NOx adsorption: operando FT-IR spectroscopy and reactivity studies
10:00-10:10	SO13 - LOPEZ-RENAU: Catalytic biomass pyrolysis over KH-ZSM-5 zeolite with acid-base properties
10:10-10:20	SO14 - CHENET: Adsorption of p-hydroxybenzaldehyde onto zeolites for water remediation: evaluation of the competition between contaminant and natural organic substances
10:20-10:30	SO15 - PALOMINO-CABELLO: Sulfonamides photodegradation assisted by $\alpha\text{Fe}_2\text{O}_3\text{-TiO}_2\text{-P/ K}_2\text{S}_2\text{O}_8$ system
10:30-10:40	SO16 - CONFALONIERI: Dehydraton of an azeotrope solution at high pressure through a differential penetration of ethanol and water in Si-chabazite
10:40-11:00	Coffee Break
11:00-11:30	IL2 - Adriano Zecchina: Contribution of spectroscopies to zeolites and microporous materials science (Chair: Silvia Bordiga)
11:30-13:05	Microsymposium Carlo Lamberti (Chair: Gloria Berlier)
11:30-11:50	KN1 - BORFECCHIA: Understanding selective redox chemistry in Cu-zeolites: a synchrotron-enhanced multi-technique perspective
11:50-12:10	O25 - VAN BOKHOVEN: In situ characterization of zeolitic catalysts
12:10-12:30	O26 - BUSCA: Cobalt metal catalysts in the hydrogen chemistry: support and preparation effects in CO ₂ methanation and ethanol steam reforming
12:30-12:40	SO17 - GIGLI: New insights on the crystal structure of ZSM-12 with azonia spiro salts
12:40-12:50	SO18 - CROCELLÀ: Advanced spectroscopic characterization of acidic sites in hierarchically structured zeolites as catalysts for hindered substrates
12:50-13:00	SO19 - BELTRAMI: Neutron and <i>in situ</i> synchrotron x-ray powder diffraction analysis to study the thermal activation of NH ₄ omega zeolite
13:00-14:00	Lunch
14:00-15:30	Free Time
15:35-16:50	Session Th-2 (Chair: Francesco Di Renzo)
15:30-15:40	SO20 - POLISI: First hints on pressure-induced amino acids condensation in mordenite
15:40-15:50	SO21 - BRUNDU: Thermal transformation of (NH ₄ , Ba)-clinoptilolite to monocelsian, mullite, and cristobalite
15:50-16:00	SO22 - MANCINELLI: One-step deposition method for the synthesis of a nanocomposite membrane based on reduced graphene oxide/zeolite-A for adsorption of metal ions with enhanced antibacterial properties
16:00-16:20	O27 - GÓMEZ-HORTIGÜELA: Conformational sieving effect of ephedrine derivatives during the synthesis of zeolite materials
16:20-16:40	O28 - PIRONE: Nitrous oxide decomposition over copper-containing ZSM-5: unravelling the isothermal oscillatory behavior
16:40-16:50	SO23 - ATZORI: Mesoporous NiO-CeO ₂ mixed oxides for CO and CO ₂ co-methanation
16:50-20:00	Social Event
20:30	Dinner