



Consiglio Nazionale delle Ricerche

AUTOMATION + MINIATURIZATION = ACCELERATION

SPEAKER:
ALEX DÖMLING, PhD
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14 Febbraio
ore: 11 :00

Alex Dömling studied Chemistry & Biology at the Technische Universität München (TUM). He performed his Ph.D. with Ivar Ugi and his postdoc – funded by a Feodor Lynen stipend from the Alexander von Humboldt Foundation – with double Nobel Laureate Barry Sharpless. After his habilitation at TUM, he became a professor at the University of Pittsburgh, then chair of the Department of Drug Design at the University of Groningen, and most recently ERA Chair at Palacky University.

He also started several biotech companies. He is the author of over 300 publications and over 70 patent applications. His current lab works according to the mantra 'Automation + Miniaturization = Acceleration' on the ERC-funded project of engineering an autonomous drug discovery platform called AMA-DEUS.

Alexander Dömling is a world-renowned researcher in the area of miniaturization, automation of synthetic chemistry, and multicomponent reaction chemistry. Professor Dömling applies multicomponent reaction chemistry to solve problems in drug discovery and related areas. Notably, he introduced the Acoustic Droplet Ejection technology platform to perform precise high throughput synthetic chemistry and demonstrated its applicability to multiple different chemistries and chemical biology projects.

Conference room - Area della Ricerca del CNR-SS



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