



HTCD

2021

First
international symposium on
High-Throughput Catalyst Design

Monday June 14



Opening and closing



Chemistry



Plenary
Speaker



Data Sciences



Biology



Oral
Communication



Sponsor Communication



Break

Opening
S. Paul, E. Duflos, O. Colot, F. Dumeignil, P. Jacques
AUDITORIUM 1

9h00



*Advances and Challenges in the Application of
Machine Learning to Protein Engineering*

B. J. Wittman
AUDITORIUM 1

PL

*Machine Learning and DFT calculations for Cata-
lysis Informatics*
K. Shimizu
AUDITORIUM 1

PL

9h30



10h10

REALCAT
AUDITORIUM 1

Chemspeed Technologies
AUDITORIUM 1

10h50



11h00

*Robot and Machine, Learning assisted Protein
Engineering for improved BioCatalysis on the
Robotic High-Throughput screening platform*

LARA
M. Dôrr
AUDITORIUM 1

PL

*High-Throughput Experimentation and Catalyst
Informatics for Oxidative Coupling of Methane*
T. Taniike
AUDITORIUM 1

PL

11h10



11h50

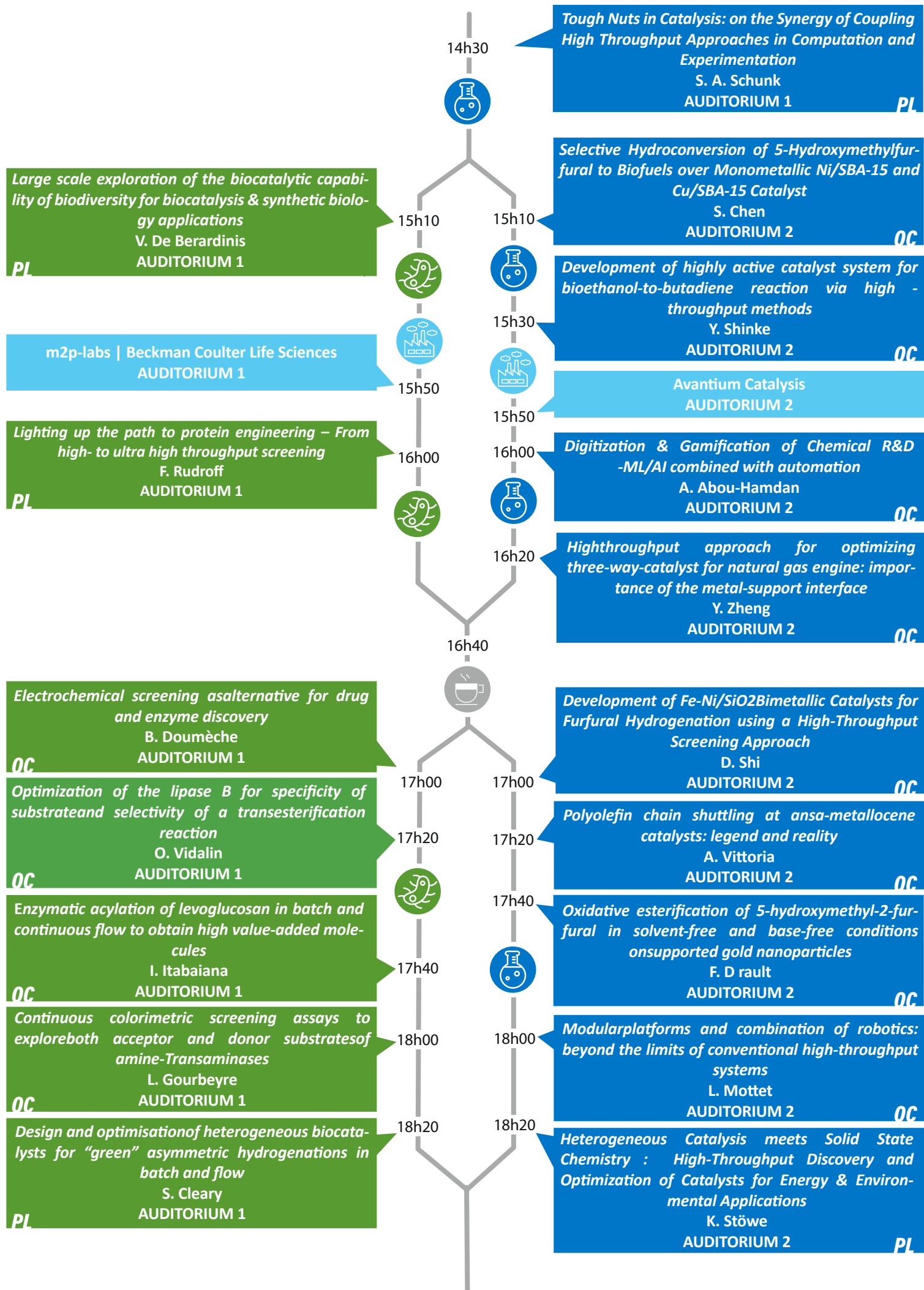
Machine learning tools for enzyme development
S. Born
AUDITORIUM 1

PL

RJ-SCF
AUDITORIUM 1

13h10







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Tuesday June 15



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Break

Recent progress in the HTE approach to catalytic olefin polymerizations

V. Busico

AUDITORIUM 1

PL



9h00

9h40

Microfluidics-powered discovery and engineering of biocatalysts

Z. Prokop

AUDITORIUM 1

PL



HTE
AUDITORIUM 1

10h20

10h30

Thermo Fisher Scientific
AUDITORIUM 1

Screening of metal nanoparticles immobilized on solid carrier for the production of furfurylamines through a hybrid one-pot/one-step process using a BioLector Pro®

A. Lancien

AUDITORIUM 1

OC



10h40

The CompuGene automated platform for the construction and characterization of genetic parts and microbial cell factories

J. Kabisch

AUDITORIUM 1

OC



11h00



11h20

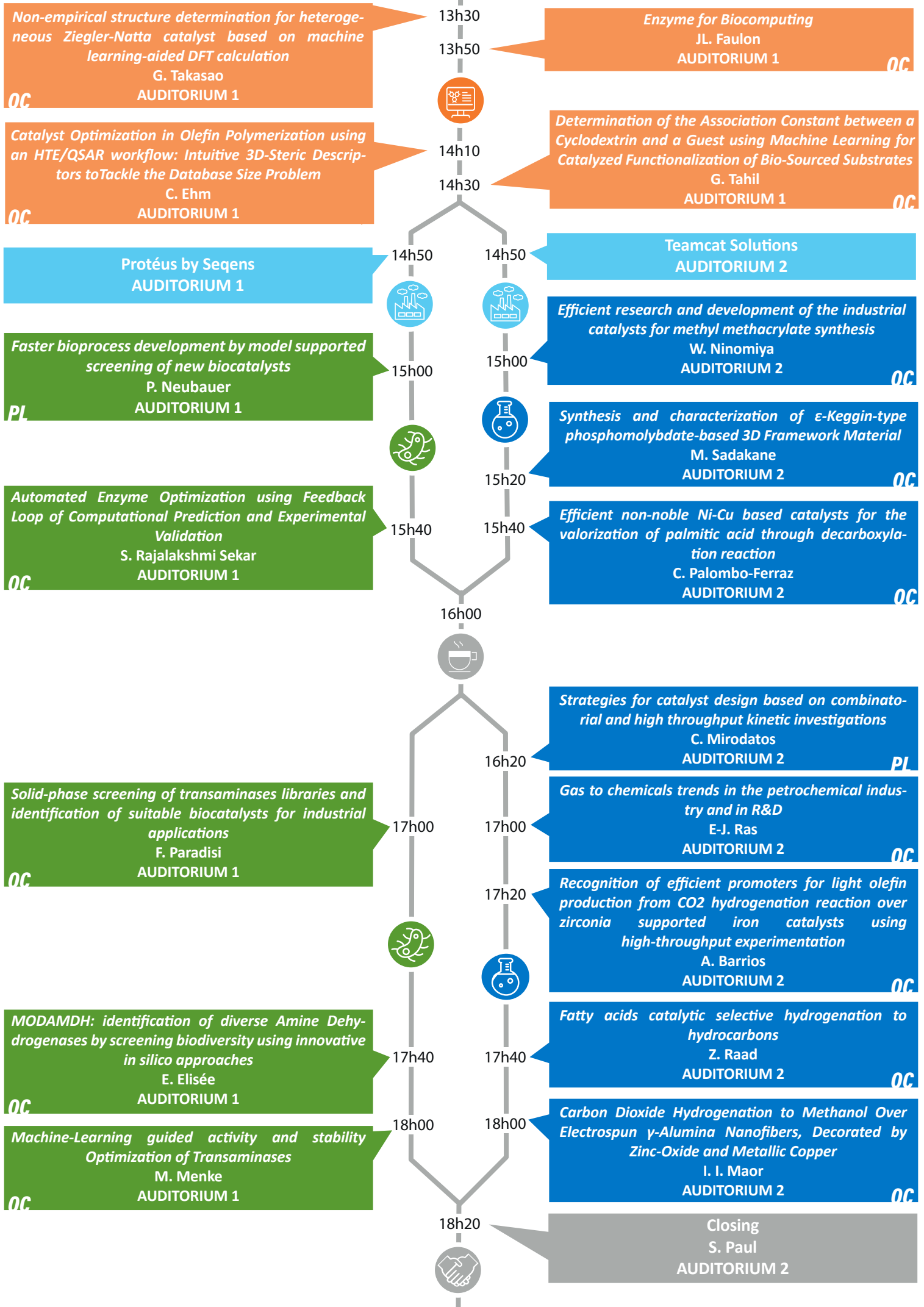
Development of a High-Throughput Experimentation facility for chemistry challenges and drug discovery

E. Romero-Laboureur

AUDITORIUM 1

OC





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