

GIDRM DAY

Data analysis and NMR: from fundamental aspects to health and material applications

in memory of Stefano Caldarelli

Online Workshop on Friday, 14th October 2022

SCIENTIFIC PROGRAM (CET TIME ZONE)



09:45 – 10:10 - Opening Session (Marco Geppi)

10:10 10:40	Stan Sykora (Extra Byte srl)	“NMR and Data Science: A critical review”
10:40 11:10	Jean-Nicolas Dumez (University of Nantes)	“Signal processing of ultrafast 2D NMR data”
11:10 11:40	Roberto Francischello (University of Pisa)	“Low-ranking approximation filters form current to future practice”

11:40 - 11:50 (virtual) coffee break

11:40 12:10	Claudia Napoli (Bruker)	“Benchtop NMR application on mixtures”
12:10 12:30	Peter Kiraly (Jeol)	“NMR data processing in JASON”
12:30 13:00	Michael Maiwald (BAM)	“Modular process control with compact NMR spectroscopy – From field integration to automated data analysis”
13:00 13:30	Bruno Torr�sani (University of Aix-Marseille)	“Blind source separation for the decomposition of 1D and nD NMR spectra”

13:30-13:45 Discussion and Conclusions (Enrico Ravera)

Scientific Committee

Marco Geppi
Marcello Alecci
Silvia Borsacchi
Mariapina D'Onofrio
Simonetta Geninatti Crich
Krzysztof Kazimierczuk
Giacomo Parigi
Tatyana Polenova
Giuseppe Pileio
Enrico Ravera

Local Organizing Committee

Marco Geppi
Enrico Ravera
Francesco Bruno
Roberto Francischello



Attendance is free, but participants need to register at www.gidrm.org to receive a Zoom link before the event: the deadline for registration is 11 October 2022. Contacts: datanalysis@gidrm.org.