

CCPN

CCPN Conference 2019
University of Leicester, UK
4th–6th September 2019

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Wednesday 4th September

The CcpNmr Analysis V3 Workshop will start at 9:00 on Wednesday morning (Tilton and Swithland suite) followed by lunch at 12:30 in the John Foster Dining Hall

12:00 Registration (*John Foster Hall entrance*)

13:30 **Helen Mott**: Introduction (*Tilton and Swithland suite*)

Session 1: Sensitivity Enhancement in Biomolecular NMR

Session Chair: Phil Williamson (University of Southampton)

13:40 **Anthony Watts** (University of Oxford)

Solid state NMR of membranes and membrane proteins: improving sensitivity – what works

14:25 **Józef Lewandowski** (University of Warwick)

Proton Detected MAS-NMR

14:55 **Matthew Goodwin** (University of Bristol)

Application of a cryo-microprobe to metabolomics

15:30 Break (Tea/Coffee)

16:00 **Guido Pintacuda** (Institut des Sciences Analytiques, Lyon)

Magic-Angle Spinning DNP NMR of Biomolecular Assemblies

16:30 Discussion

17:00 **Geerten Vuister** (University of Leicester)

CCPN Project Update

17:15 **Victoria Higman** (University of Leicester)

Switching to Analysis Version 3

17:40 **Helen Mott** CCPN Assembly Meeting

18:15 Poster Session (*John Foster Dining Hall*)

19:00 Dinner (*John Foster Dining Hall*)

Thursday, 5th July

8:00 Breakfast (*John Foster Dining Hall*)

8:55 Meeting Starts (*Tilton and Swithland suite*)

Session 2: NMR-guided Docking

Session Chair: Helen Mott (University of Cambridge)

9:00 **Gary Thompson** (University of Kent) and **Helen Mott** (University of Cambridge)

An introduction to docking and HADDOCK

9:40 **Luca Codutti** (University of Hannover)

The INPHARMA technique for pharmacophore mapping

10:10 **Tobias Madl** (University of Graz)

Structure determination of biomolecules using surface accessibility data

10:40 Break (Tea /Coffee)

11:10 **Andreas Lingel** (Novartis)

Methyl labelling and drug discovery

11:40 Discussion

12:30 Packed lunches available for collection (*John Foster Dining Hall*)

13:00 Walk (Meet: TBD)

18:00 Poster Session (*John Foster Dining Hall*)

19:15 Conference Dinner & Poster Prize Presentation (*John Foster Dining Hall*)

Friday 6th July

8:00 Breakfast (*John Foster Dining Hall*)

8:55 Meeting Starts (*Tilton and Swithland suite*)

Session 3: Complementary Techniques

Session Chair: Rivka Isaakson (King's College, London)

9:00 **Katherine Stott** (University of Cambridge)

An overview of NMR-complementary methods

9:40 **Janet Lovett** (University of St Andrews)

EPR as a complement to NMR

10:10 **Helen Walden** (University of Glasgow)

AUC and X-ray crystallography as a complement to NMR

10:40 Break (Tea /Coffee)

11:10 **Jeddiah Bellamy-Carter** (University of Nottingham)

Mass Spectrometry as a complement to NMR

11:40 Discussion

12:00 Discussion Overall Meeting

12:30 Closing Remarks