

Synthesis & Applications of Labelled Compounds 2017

26th International Isotope Society (UK Group) Symposium.

Friday 17th November, 2017, The Møller Centre, Churchill College, Cambridge, UK.

8:30 am Registration / Morning Coffee / Manufacturers Exhibition

9:10 am Welcome : Chris Winfield [Selcia, UK, Chair of the IIS (UK) group]

Morning Session: Chair: Andrew Kohler [Arcinova, UK]

9:15 am Albert Windhorst [VU University Amsterdam, The Netherlands]
"Carbon-11 chemistry and why fighting a 20 minute half-life really makes sense"

9:45 am Chris Willis and Luoyi Wang [University of Bristol]
"Taking Inspiration from nature for the generation of novel antibiotics"

10:15 am David Read, [University of Surrey/NPL, UK]
"Aspects of lanthanide isotopes from CERN: Title Awaited"

10:35 am Davide Audisio [C.E.A, France]
"Fluorosydnone, new click tools for ¹⁸F labelling as proof of concept"

10:55 am Manufacturers Exhibition /Posters/ Coffee & Tea.

11:25 am Tom Gregson [Pharmaron, UK]
"Synthesis of Three [¹⁴C] Isotopologues of Azoxystrobin"

11:55 am Short presentations in association with posters or techniques

James Davies [Selcia, UK]
"Isotopic labelling of GMI"

Markus Artelsmair [AstraZeneca, UK]
"¹⁴C-Labeled metabolites of a GABA_A Receptor"

Fernando Cortezon Tamarit [Bath, UK]
"Title Awaited"

Mary Kagoro, [York, UK]
"Design and synthesis of activity-based ¹³C hyperpolarized magnetic resonance spectroscopic imaging contrast agents"

Gary Knox, [Strathclyde, UK]
"Enhanced iridium complexes for elevated substrate applicability in hydrogen isotope exchange processes"

12:20 pm Manufacturers Exhibition / Posters / Buffet Lunch

Afternoon Session I: Franklin Aigbirhio [WBIC, Cambridge, UK]

1:20 pm Craig Morrissey [Aurora, UK]
"Radiation protection legislation: What's new with the ionising radiations regulations 2017?"

1:50 pm Ken Lawrie [J. Label. Compd Radiopharm, UK]
"A selection of the best of JLCR isotopic chemistry 2016-17"

2:20 pm Graham Smith [Institute of Cancer Research, UK]
"New applications for fluorine-18 and zirconium-89 PET"

2:50 pm Manufacturers Exhibition / Posters / Coffee & Tea

Afternoon Session 2: Chair: [Mike Chappelle, Pharmaron, UK]

3:20 pm Ed Anderson [University of Oxford]
"Isotope effects in mechanistic studies of transition metal-catalyzed cycloisomerization"

3:50 pm Marc Reid, [University of Strathclyde, UK]
"The power of isotopes in mechanistic chemistry"

4:20 pm Concluding Remarks. Chris Winfield [Selcia, UK]