

Indo-UK symposium on “**Fluxomics of Microbe and Plant Systems (FluxMAPS 2021)**” was successfully held on March 24-25, 2021 jointly by **Indian Institute of Technology Mandi, India** and **University of Oxford, UK**. The themes covered were Flux Balance Analysis in Plant Systems and ¹³C Metabolic Flux Analysis in Plant and Microbial Systems. Scientists, faculty and scholars working in relevant areas greatly benefited from the symposium supported by MHRD-SPARC and UKIERI.

The symposium was inaugurated by **Prof Ajit Kumar Chaturvedi**, Director, Indian Institute of Technology Mandi. **Prof R. George Ratcliffe** and **Prof Nicholas J. Kruger**, University of Oxford, UK delivered the key note lectures covering the scope and latest advances in investigation of plant and microbial metabolism using fluxomics.

Expert speakers from across the globe presented case studies in the area that are well received. The experts are **Dr Nadine Töpfer** (Leibniz Institute of Plant Genetics and Crop Plant Research, Germany), **Dr Thomas Williams** (University of Brasilia, Brazil), **Dr Maurice Cheung** (Yale-NUS, Singapore), **Dr George Dicenzo** (Queen’s University, Canada), **Dr Ashish Misra** (IIT Delhi, India), **Dr Kushboo Borah** (University of Surrey, UK), **Dr Sanu Shameer** (University of Oxford, UK), **Dr Edward Smith** (University of Oxford, UK), **Mr Maneesh Lingwan** (IIT Mandi, India), **Mr Chandrakant Joshi** (IIT Mandi, India), **Ms Poonam Jyoti** (IIT Mandi, India) and **Dr Shyam K. Masakapalli** (IIT Mandi, India).

The symposium was held virtually and was attended/viewed by ~ 800+ participants within 2 days. The day wise sessions can be accessed from the following links hosted by NKN IIT Mandi

Day 1 Theme: Flux Balance Analysis in Plant Systems

<https://www.youtube.com/watch?v=yMNYaNikNPU>

Day 2 Theme: ¹³C Metabolic Flux Analysis in Plant and Microbial Systems

<https://www.youtube.com/watch?v=kJ2oSaOYDHo>



Symposium organised by :



Prof R. George Ratcliffe
Professor and Head
Department of Plant Sciences
University of Oxford, UK



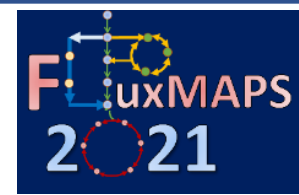
Dr Shyam K. Masakapalli
Associate Professor,
School of Basic Science
**Indian Institute of
Technology Mandi, India**



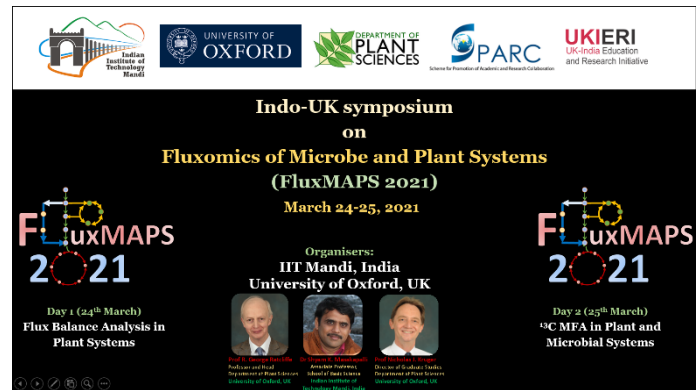
Prof Nicholas J. Kruger
Director of Graduate Studies
Department of Plant Sciences
University of Oxford, UK

Visit relevant websites: <http://research.iitmandi.ac.in/fluxmaps2021/>; <https://sites.google.com/view/metsysbiolab/>; <https://iitmandi.ac.in/>; <https://www.plants.ox.ac.uk/>; <https://sparc.iitkgp.ac.in/>; <http://www.ukieri.org/>

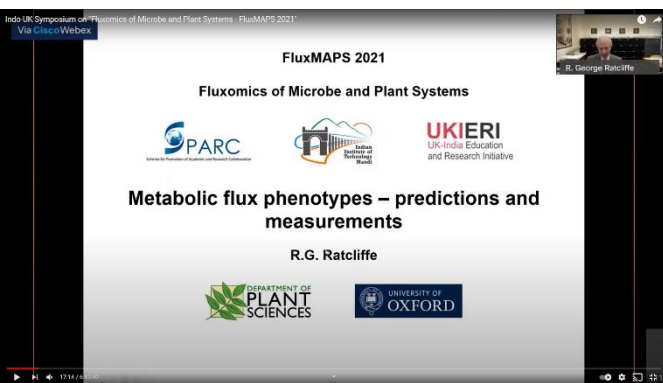
Symposium snap shots



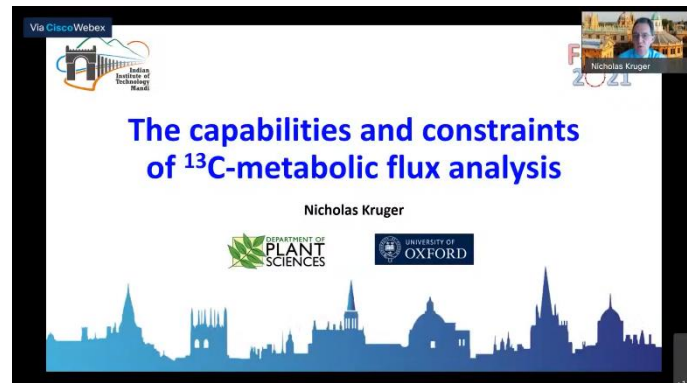
Prof Ajit K Chaturvedi, Director IIT Mandi inaugurating FluxMAPS2021



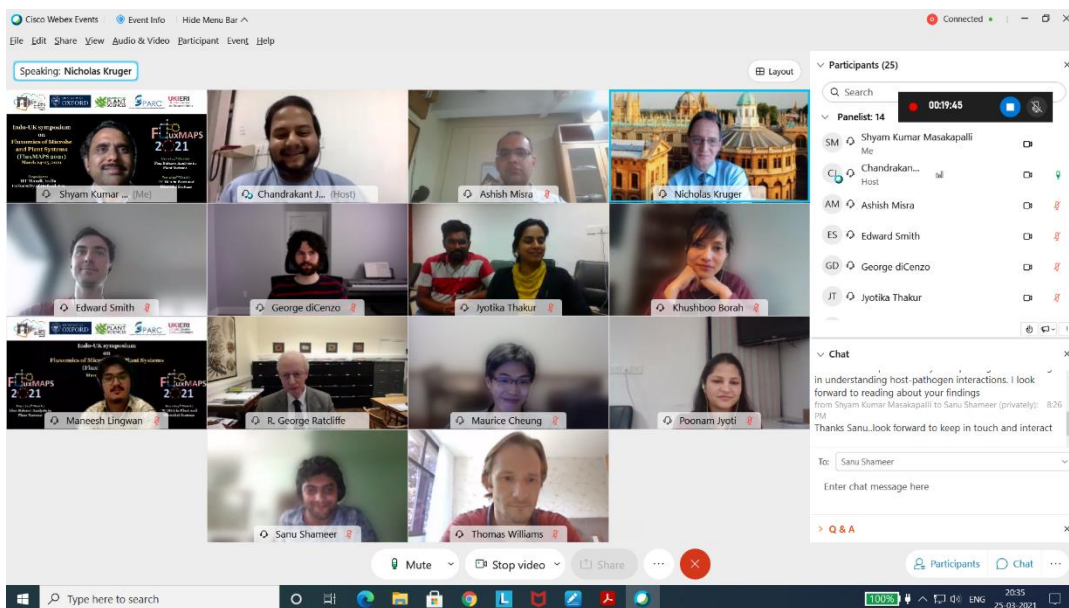
Dr Shyam K Masakapalli, welcomed all participants to FluxMAPS 2021



Prof R. George Ratcliffe (University of Oxford) delivering the Key Note



Prof Nicholas. J. Kruger (University of Oxford) delivering the Key Note



Speakers and Panel members interacting