

Programme

- **Event:** HyWay Consortium Meeting, Workshop & Training
- **Date:** 19th – 21st Aug 2024
- **Host:** School of Engineering, University of Aberdeen, Aberdeen AB24 3UE
- **Chair:** Dr Yeshui Zhang
- **Co-chair:** Dr Wenbo Zhan

Day 1 – Consortium Meeting & Workshop (19th Aug 2024, Monday)

MS Teams: [LINK](#)

UK Time	Event/Speaker	Venue	Attendees
9:00-9:30	Coffee morning	Meeting room 1 Sir Duncan Rice Library	HyWay consortium
9:30-9:45	UoA Head of School (Prof. Ekaterina E. Pavlovskaya)	Same as above	HyWay consortium
9:45-10:00	UoA Director of Research (Prof. Edward Chadwick)	Same as above	HyWay consortium
10:00-10:20	Academic line manager of the Chemical Processes & Materials Group (Prof. Jos Derksen)	Same as above	HyWay consortium
10:20-10:40	Coordinator Speech (Prof. Bradley Paul Ladewig)	Same as above	HyWay consortium
10:40-11:00	Welcome Speech & HyWay Project Introduction (Dr Yeshui Zhang)	Same as above	HyWay consortium
11:00-11:20	Coffee break	Same as above	HyWay consortium
11:20-11:40	UCL PI Speech (Dr Massimiliano Materazzi)	Same as above	HyWay consortium
11:40-12:00	Polito PI Speech (Prof. Andrea Lanzini)	Same as above	HyWay consortium
12:00-13:20	Photo & Lunch (Brian G. Stewart, Media Services: Graphic Designer)	Same as above	HyWay consortium
13:20-13:40	Dr Wenbo Zhan (Lecturer in Biological Engineering)	Same as above	HyWay consortium
13:40-14:00	UoA Secondee (Tianheng Qin)	Same as above	HyWay consortium
14:00-14:20	UoA Secondee (Yi Yang)	Same as above	HyWay consortium
14:20-14:40	Surface Measurement Systems (SMS) (Ryan Plumridge, UK Technical Sales Manager)	Same as above	All
14:40-15:00	H ₂ R Speech (Mr Stephen Volar)	Same as above	All
15:00-15:20	Coffee break	Same as above	All
15:20-15:40	AristEng Speech (Dr Stavros Theofanidis)	Same as above	All
15:40-16:00	QUB PI Speech (Prof. Chunfei Wu)	Same as above	All
16:00-17:00	Campus tour	Meeting point at entrance of Sir Duncan Rice Library	All
17:00-20:00	Dinner	Brig O'Don - Pub & Grill 739 King St, Aberdeen AB24 1XZ	All

Day 2 – HyWay Training School (20th Aug 2024, Tuesday)

MS Teams: [LINK](#)

UK Time	Title	Speaker	Venue
8:30-9:00	Coffee morning		FN2 Fraser Noble Building
9:00-9:40	Hydrogen purification technologies	Prof. Bradley Paul Ladewig (University of Luxembourg)	Same as above
9:40-10:00	Coffee break		Same as above
10:00-10:40	Dealing with fuel contaminants in an SOFC system	Prof. Andrea Lanzini (Politecnico di Torino)	Same as above
10:40-11:00	Coffee break		Same as above
11:00-11:40	New technologies for solid sorbent-based CO ₂ capture and utilisation	Prof. Chunfei Wu (Queens's University of Belfast)	Same as above
11:40-13:00	Lunch		Same as above
13:00-13:40	Plasma Electrification: A Promising Solution for Decentralised Hydrogen Production and Utilisation?	Prof. Xin Tu (University of Liverpool)	Same as above
13:40-14:00	Coffee break		Same as above
14:00-14:40	Plasma-assisted gasification for waste-to-H ₂ applications	Dr Massimiliano Materazz (University College London)	Same as above
14:40-15:00	Coffee break		Same as above
15:00-15:40	TBC	Mr Stephen Volar (H ₂ Refinery)	Same as above
15:40-16:00	Coffee break		Same as above
16:00-16:40			Same as above
16:40-16:50	Closing remarks		Same as above

Day 3 – HyWay Training School (21st Aug 2024, Wednesday)

MS Teams: [LINK](#)

UK Time	Title	Speaker	Venue
8:30-9:00	Coffee morning		FN2 Fraser Noble Building
9:00-9:40	X-ray Photoelectron Spectroscopy training Part 1: Introduction to CasaXPS layout, Calibrating XPS data & XPS backgrounds	Dr Shaoliang Guan (University of Cambridge)	Same as above
9:40-10:00	Coffee break		Same as above
10:00-10:40	X-ray Photoelectron Spectroscopy training Part 2: Constraints and doublets in CasaXPS	Dr Shaoliang Guan (University of Cambridge)	Same as above
10:40-11:00	Coffee break		Same as above
11:00-11:40	A brief overview of multiscale modelling - from molecule to reactor	Prof. Jos Derksen (University of Aberdeen)	Same as above
11:40-13:00	Lunch		Same as above
13:00-13:40	Use of anaerobic digestion to produce hydrogen from organic waste and biomass	Prof. Davide Dionisi (University of Aberdeen)	Same as above
13:40-14:00	Coffee break		Same as above
14:00-14:40	Electrification of biogas upgrading via non-thermal plasma technologies	Dr Panagiotis Kechagiopoulos (University of Aberdeen)	Same as above
14:40-15:00	Coffee break		Same as above
15:00-15:40	Porous material characterization based on high resolution images	Dr Yingfang Zhou (University of Aberdeen)	Same as above
15:40-16:00	Coffee break		Same as above
16:00-16:40	TBC	Dr Wenbo Zhan (University of Aberdeen)	Same as above
16:40-16:50	Closing remarks		Same as above