

CaviPRO Induction School at UL: 23rd-27th September

Arrival@Limerick on **Sunday, 22nd September 2024**

Monday, 23rd September 2024

Time	Description	Responsibility
09.00 – 09.30	Welcome, introductions of in-person participants/ Coffee	Vivek Ranade, UL
09.30 – 09.45	Introduction to on-line participants CaviPRO project and programme of the induction school	Vivek Ranade, UL
09.45 – 11.00	Introduction of DC hosts [Institute/ Company + research group]	All DC hosts
11.00 – 11.30	Coffee break	
11.30 – 12.00	Personal introduction of DCs [~ 3 min each]	All DCs
12.00 – 12.30	Introduction of Associate Partners [~ 3 min each]	All APs
12.30 – 13.30	Lunch	
13.30 – 14.30	Session on WPs	WP leaders
14.30 – 15.00	Supervision process, career development plans, reporting, mobility	Vivek/ Tobias/ Hilda
15.00 – 15.30	Coffee break	
15.30 – 16.30	Two parallel sessions: One for DCs and one for CaviPRO partners+EAB	Tobias/ Vivek
16.30 – 16.45	Closing remarks	
Evening	Stroll through the UL campus (possibly a guided tour)/ free time	Hilda

Tuesday, 24th September 2024

Time	Description	Responsibility
09.30 – 10.15	Hydrodynamic Cavitation – State of the Art & Path Forward	Vivek Ranade, UL
10.15 – 11.00	Single bubble physics and experiments across scales	O Supponen, ETHZ
11.00 – 11.30	Coffee break	
11.30 – 12.15	Cavitation induced wear	Matevz Dular, ULJ
12.15 – 13.00	Tomographic imaging of multiphase flows	M Schubert, TUD
13.00 – 14.00	Lunch	
14.00 – 14.45	Intensifying chemical reactions using cavitation	G Cravotto, UNITO
14.45 – 15.30	Modelling of multiphase flows – microscale processes	Wei Ding, HZDR
15.30 – 16.00	Coffee break	
16.00 – 16.45	Modelling of multiphase flows – macroscale processes	Bojan Niceno, PSI
16.45 – 17.30	Discussion on cavitation – assignments - submissions	All
Evening	Dinner in a restaurant (Limerick City)	

Wednesday, 25th September 2024

Time	Description	Responsibility
	Delayed start due to scheduled fire drill	
10.30 – 11.10	Dissemination: presentations, publications ...	O Supponen, ETHZ
11.10 – 11.50	Research integrity and authorship	N Kopteva, UL
11.50 – 12.30	Doctoral research: planning and execution	Ger Downes, UL
12.30 – 13.10	IP and exploitation of IP	Denis Jahan, AIR
13.10 – 13.40	Lunch	
13.40 – 14.00	Walk to the pavilion (on the other side of the River Shannon)	
14.00 – 18.00	CaviPRO team interactive session: Team building: conducted by volunteers from DCs Translating research from lab to practice: Vivek Ranade Four groups: discussions on four demonstration applications, development of business cases, developing other ideas for potential commercialisation of CaviPRO research	All CaviPRO team
18.00 onwards	Dinner @ Pavilion, UL	

Thursday, 26th September 2024: Visit to Biocore, start at 8.30 hrs – return by ~ 17.00 hrs (James)

Friday, 27th September 2024: Half-day visit to UL labs – Bernal Institute tour (Subhrajit/ Omkar/ Hilda)