



1st UPLIFT school in Lyon

Welcome address

Christian Graeff



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and Innovation



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EU MSCA Doctoral Network UPLIFT



- UPLIFT means „Upright radiotherapy: Learning, Innovation, Fellowship and Training“
- We received funding from the EU, UK, and Switzerland to train 19 Doctoral Candidates over the next 3 years
- The EU's main goal is the training of new experts in this field
- The network's scientific goal is to establish modern technical and clinical standards for upright radiotherapy in Europe



Aim of this school

- This is the first of 3 network-wide schools
- Main audience are the 19 Doctoral Candidates, but we also warmly welcome all external participants!
- Our aim for this week is to ‚level the field‘ for the diverse backgrounds of all our students
- Everybody should receive a solid foundation in all relevant aspects of radiotherapy –
clinical, biological, physics & technology

Programme



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
8:30	Christian Graeff: Welcome + organisation	Vincent Gregoire: Basic radiobiology (DNA and cellular effect, cell survival curves)	Erik Engwall: Treatment planning (TPS workflow): general, photons, particles	Sebastian Klütter: Photons machines	Petra Trnková: Imaging	Vincent Gregoire: Visit RT department + demonstration of the upright system		
8:45								
9:00	Lennart Volz: Introduction of UPLIFT	Vincent Gregoire: Radiobiology behind fractionation		Christian Graeff: Particle machines	Petra Trnková: Image guidance			
9:15								
9:30			Coffee break					
9:45								
10:00	Coffee break	Coffee break	Mario Ciocca: Treatment planning (clinical): general, photons, particles	Coffee break	Coffee break	Coffee break		
10:15								
10:30	Waisse Waissi: General introduction on cancer treatment	Sebastian Klütter: Photons physical properties	Moderator (Lennart) / panelist: Discussion clinics and industry (Erik Engwall, Tracy Underwood, Andrea Pella, Waisse Waissi)	Oliver Jäkel / Sebastian Klütter:: New developements (2 x 30 minutes)	Antje Knopf: Inter-fractional motion	Heidi Probst: Patient perspective		
10:45								
11:00	Waisse Waissi: Introduction to cancer treatment: Radiation oncology	Lars Glimelius: Particles properties + robustness		Lunch	Ye Zhang: Intra-fractional motion	Christian Graeff: Final remarks		
11:15								
11:30								
11:45								
12:00								
12:15	Lunch	Lunch	Lunch	Social event followed by a social dinner	Lunch			
12:30								
12:45								
13:00		Thomas Friedrich: Radiobiology particles	Essential research skills: time and project management (Kristjan Anderle)					
13:15	Pierre Saintigni: Hallmarks of cancer							
13:30		Thomas Friedrich: RBE of protons and carbon ions				Essential research skills: Equality, diversity and inclusion (Heidi Probst)		
13:45								
14:00	Pierre Saintigni: Hallmarks of cancer	Mario Ciocca: Radiotherapy workflow						
14:15								
14:30								
14:45	Coffee break		Coffee break			Coffee break		
15:00		Coffee break						
15:15	UPLIFT Closed Session	Sophie Boisbouvier: Immobilization	Hands-on in TPS (RaySearch)		Uplift supervisor meeting	Lionell Perrier: Taxonomy of health care evaluations and international guidelines		
15:30								
15:45								
16:00								
16:15								
16:30		Waisse Waissi: Delineation, target concepts			Lionell Perrier: Effectiveness and costs assessment			
16:45								
17:00		Nikos Paragios: Delineation OARs, autosegmentation			Lionell Perrier: Applications to advanced radiotherapy			
17:15								
17:30								
17:45								
18:00								
> 18:00	UPLIFT Dinner	UPLIFT Dinner		Social dinner everyone	UPLIFT Dinner			



General information

- Sign-in every day on the signature sheets
- Participation certificates will be provided per e-mail after the course
- Lectures will be recorded and available after the school
- Photo shoots:
 - Monday 17.11. @ 8:45 – so right after this talk!
 - Wednesday 19.11. Lunch time (all DCs and supervisors)
- The building will be closed from 2:30 pm!



Dinners, every day at 18:30

- Monday: UPLIFT-only dinner at CLB (DC, PI, school faculty)
 - Room M. BESSE (*follow “salles multimédias”*)
- Tuesday: UPLIFT-only dinner at CLB, Room ONCORA
- Wednesday: Networking dinner for PIs and faculty
 - free evening for the DC
- Thursday: Social event and dinner for everyone registered
- Friday: UPLIFT-only dinner at CLB, Room ONCORA



Thursday: guided tour

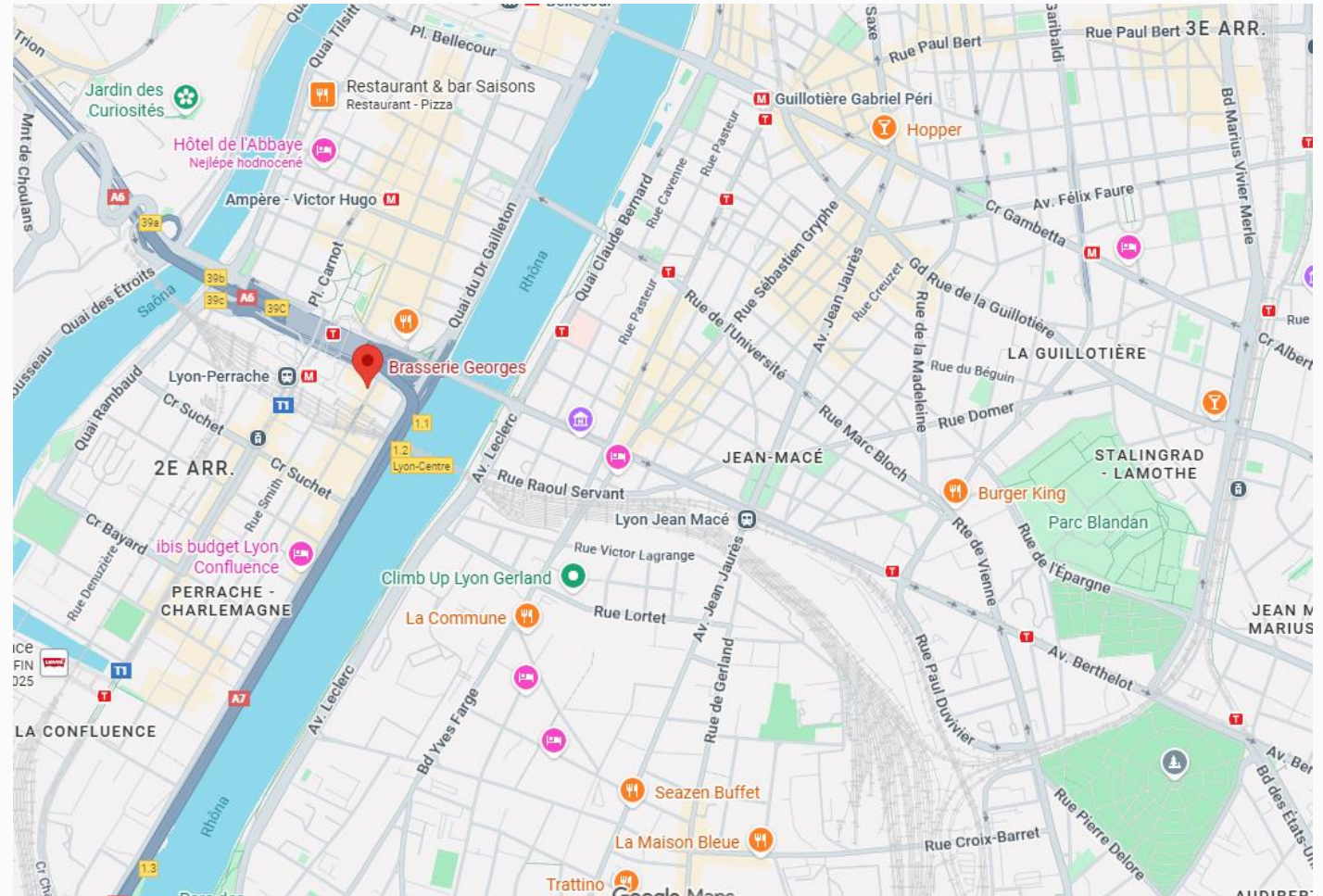
- Departing after lunch from CLB by public transport
 - tickets are with Petra, Lennart, Christian
- Tour starts at: Esplanade Basilique Notre Dame de Fourvière from 2 pm
- We will have 3 groups, takes 2.5 h, seeing the old town



Thursday: Social Dinner



- Brasserie Georges
- Location:
30 Cours de Verdun
69002 Lyon
- Time: 18:30





Travel stipends

- Three travel stipends were awarded for this year, selected by the training committee from >20 applications:
 - Ioanna Koukouletsou
 - Milan Jurčo
 - Huoqin Zhou
- Congratulations!



... a big thank you

- to all my colleagues in the training committee, especially the chair Petra Trnková, for organizing the program
- to the local hosts, Vincent Grégoire and Lionel Perrier, but also especially Benoît Vieules and Stéphanie Cox!
- Finally, thank you for joining the school – please help to make it a success by actively participating!
- Ask questions, in the audience or after. This makes it much easier to focus the lectures to where you need it