

Agenda

Workshop Title : Design for Additive Manufacturing of Medical Devices

Hosts : Laureate Professor Svetha Venkatesh, Professor Ian Gibson, Professor Gordon Wallace

Venue : The Wissenschaftskolleg zu Berlin, Wallotstraße 19, 14193 Berlin

Contact point on site : Corina Pertschi; Tel: +49 (0) 30 89 001 – 158; cp@wiko-berlin.de

Time and date : 26 September 2019 (9am-5.40pm) & 27 September 2019 (9am-4pm)

Date	Time	Presenter	Topic	Duration
Thursday 26 Sep 2019	9am	Svetha Venkatesh	Introduction	5 mins
	9.05am	Ian Gibson	Introduction	5 mins
	9.10am	Gordon Wallace	Introduction	5 mins
	9.15am	Susanne Boll	Introduction	5 mins
	9.20am	Nilmini Wickramasinghe	Introduction	5 mins
	9.25am	Paul Dalton	Introduction	5 mins
	9.30am	Jari Hyttinen	Introduction	5 mins
	9.35am	Elahe Hadavi	Introduction	5 mins
	9.40am	Joules Poukens	Introduction	5 mins
	9.45am	Nihal Engin Vrana	Introduction	5 mins
	9.50am	Freimut Bodendorf	Introduction	5 mins
	9.55am	Jan Weber	Introduction	5 mins
	10.00	Morning break	Morning break	30 mins
	10.30am		State-of-art (Chair: Ian Gibson)	2 hours
	12.30pm	Lunch break	Lunch break	60 mins
	1.30pm		Advanced Techniques in Tissue Design (Chair: Gordon Wallace)	2 hours
	3.30pm	Afternoon break	Afternoon break	30 mins
	4pm		Advanced Computational methods (Chair: Svetha Venkatesh)	1.5 hours
	5.30pm	Svetha/Ian/Gordon	Closing for Day 1 and agenda for Day 2 and a reminder of the dinner of the day	10 mins
			[All participants to go for dinner]	

Friday 27 Sep 2019	9am	All participants	Challenges and Future Trends	1hr 45mins
	10.45am	Morning break	Morning break	15 mins
	11am	All participants	Writing and Discussion of Future steps Sub-groups to work on sections [...to be continued after lunch break]	1hr 30mins
	12.30pm	Lunch break	Lunch break	45 mins
	1.15pm	All participants	[Continued...] Writing and Discussion of Future steps Sub-groups to work on sections	2hrs 30mins
	3.45pm	Svetha/Ian/Gordon	Closing and thank-you	15 mins

A. Section Panels

Instructions: Each person will give a 5 min view on the following questions and then we will open up for discussion.

Chair of each section panel to take notes on main points.

- **State-of-art (Chair: Ian Gibson):** *Role of design, advances in characterisation, Major issues and barriers towards wider use, state-of-art applications in health.*

Ian Gibson

Joules Poukens

Jari Hyttinen

Freimut Bodendorf

- **Advanced Techniques in Tissue Design (Chair: Gordon Wallace):** *How to deal with complexity of varied tissue design? Major issues and barriers? Functional aspects of hard and soft tissue design.*

Gordon Wallace

Paul Dalton

Nihal Engin Vrana

Elahe Hadavi

- **Advanced Computational methods (Chair: Svetha Venkatesh):** *How to accelerate the process of experimental design? Challenges in the acceleration of experimental design? Personalisation and customisation.*

Svetha Venkatesh

Susanne Boll

Jan Weber

Nilmini Wickramasinghe

B. Outline for article

State of Art: *Role of design, advances in characterisation, Major issues and barriers towards wider use, state-of-art applications in health.*

Advanced Techniques in tissue design: *How to deal with complexity of varied tissue design? Major issues and barriers? Functional aspects of hard and soft tissue design.*

Advanced Computational Methods: *How to accelerate the process of experimental design? Challenges in the acceleration of experimental design? Personalisation and customisation.*