Informatics Teaching Festival 2022: Design of Teaching and Learning

The Informatics Teaching Festival is back for a third consecutive year and will run Monday May 9th to Wednesday May 11th 2022.

The 2022 Informatics Teaching Festival will focus on the design of teaching and learning and consist of the following sub-themes:

- overview of course design (Day 1, May 9th 2022)
- design to develop student skills, including for the industry (Day 2, May 10th 2022)
- design of assessment (Day 3, May 11th 2022).

Each day will include both presentations on school and university processes, tools and support, as well as the sharing of experience and good practice around different approaches to the design of teaching and learning, and internal (Informatics or university-based) as well as invited external speakers.

If you'd like to attend any of the following sessions, and are not a member of the School of Informatics, please [register your interest here](#), and a Collaborate link will be emailed to you in advance of the session(s).

Schedule* —

Day 1: Overview of Course Design.

Monday, May 9th 2022

Topic (and links to recordings after event)	Date/Time	Speaker, with linked Resources
Opening / [Welcome Session](#)	9-9.10am	[Björn Franke](#)
Morning Session – Designing a new course:	Morning Session: 9.10-12.30pm	
Process and experience of designing new courses: Designing a new Informatics Course – [Sharon Goldwater](#); Design Decisions and Dilemnas in a new data science course – [David Sterratt](#); Designing INF2-IADS – [John Longley](#)	9.10-10.40am	[Sharon Goldwater](#) [David Sterratt](#) [John Longley](#)
Coffee break	10.40-11am	[Meet in Gathertown](#)
[Support for course design (ELDeRs)](#)	11-11.30am	[Fiona Hale](#) [Cristina Alexandru](#)
[Sharing positive experiences on improved courses](#)	11.30am-12.15pm	[Heather Yorston on DMP](#) Pavlos Andreadis
Discussion	12.15-12.30pm	
Lunch break	12.30pm-2pm	

Afternoon Session – Improving an existing course:	Afternoon Session: 2-5pm	
[Course proposal / improvement](#) (involving Board of Studies approval)	2-3.20pm	Aurora Constantin Felipe Costa Sperb [Heather Yorston RS for CAM](#)
Coffee break	3.20-3.40pm	[Meet in Gathertown](#)
[Course improvement](#) (not involving Board of Studies approval)	3.40-4.30pm	[Cristina Alexandru on SEPP](#) Pavlos Andreadis
Discussion	4.30-5pm	
Day end	5pm	

Day 2: Design to develop student skills. Tuesday, May 10th 2022

Topic (and links to recordings after event)	Date/Time	Speaker / Resources
Morning Session – Developing core Informatics skills:	Morning Session: 9-12.30pm	

Cristina Alexandru, Heather Yorston, and Brian Mitchell: [Teaching students with varied profiles in UG1](#) Judy Robertston: [Teaching First year students with varied backgrounds](#)	9-10am	[Cristina Alexandru on Varied Profiles UG1](#) [Heather Yorston on FAC and MC](#) [Brian Mitchell – Prize and Prejudice](#) Judy Robertson – prerecorded video
[Teaching programming](#)	10-11am	[Pawel Orzechowski Charlotte Desvages – Day 2](#) Judy Robertson – prerecorded video [Michael Glienecke](#)
Discussion	11-11.15am	
Coffee break	11.15-11.30am	[Meet in Gathertown](#)
Teaching Modelling: [Reflection on including the industry perspective in our teaching](#)	11.30am-12.30pm	Pavlos Andreadis [Sanjay Rakshit](#)
Lunch break	12.30pm-2pm	
Afternoon Session – Developing transferrable skills:	Afternoon Session: 2-5pm	

Guest Presentation: [Back to the future: shaping software engineering education with lessons from the past](#) ([abstract](#))	2-2.45pm	Joseph McGuire
Coffee break	2.45-3pm	[Meet in Gathertown](#)
[Developing research skills](#)	3-4pm	Felipe Costa Sperb Stefano Albrecht — pre-recorded video
Skills for the industry: [Rebecca Clacy-Jones on "Employment for Informatics Students" and Pavlos Andreadis on "View of Informatics Students"](#)	4-4.35pm	[Rebecca Clacy-Jones](#) Pavlos Andreadis
Skills for the industry: [Large companies and what they require](#)	4.35-4.55pm	Michael Glienecke
Day end	5pm	

Day 3: Assessment. Wednesday, May 11th 2022

Topic (and links to recordings after event)	Date/Time	Speaker / Resources
Morning Session — Philosophy of Assessment	Morning Session: 9-12.30pm	
[Assessment in Informatics](#)	9-9.45am	[Björn Franke](#)

Guest Speaker: [Vertically integrated assessment in Physics](#) ([abstract](#))	9.45-10.30am	[Ross Galloway](#), School of Physics and Astronomy
Coffee break	10.30-110am	[Meet in Gathertown](#)
Asssessment Approaches: ["Let's talk about Groupwork": David Sterratt](#) ["A brief introduction to WebPA": Meredith Corey](#) ["Why and how to assess and give feedback on code](#) (using standard tools)": Charlotte Desvages	11am-12.15pm	[David Sterratt](#) Meredith Corey [Charlotte Desvages – Day 3](#)
[Update on Asssessment Plans (from ILTS and ITO)](#)	12.15-12.30pm	Toni Noble Meredith Corey David Sterratt
Lunch break	12.30pm-2pm	
Afternoon Session – Marking Approaches	Afternoon Session: 2-4pm	
[Rubrics Cube:](#) Puzzles in designing rubric-based marking schemes		Aurora Constantin
[How do we set challenging assignments without encouraging students to throw arbitrary amounts of time at them?](#)		Iain Murray

<u>Marking to the Common Marking Scheme with Criteria & Decision Rules</u>		Paul Anderson
<u>Closing Ceremony</u>	3.30-4pm	Jane Hillston
Day end	5pm	

* The schedule is still subject to change. As best we can we will not make big adjustments to speakers and timings.