



EMBL Design Thinking: Approaches for Chronic Disease Management - Virtual

EMBL COURSE



EMBL Courses and Conferences during the Coronavirus pandemic

With the onsite programme paused, many of our events are now being offered in virtual formats.

Registration is open as usual for many events, with back-up plans in place to move further courses and conferences online as necessary. Registration fees for any events affected by the COVID-19 disruption are fully refundable.

More information for participants of events at EMBL Heidelberg can be found [here](#).

Programme

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- The course will start on **Friday 4 December**, and after a break over the weekend, will continue on **Monday 7 December** with the regular programme.
- The virtual course includes lectures by invited speakers with Q&A sessions as well as interactive discussion sessions and online group work.
- Information on the live stream and access to the discussion platform will be provided shortly before the start of the event.
- Access to the recorded talks will be available for 2 weeks after the start of the event.

The following time is used in the programme below:

- Central European Time (CET): eg. Berlin, Amsterdam Paris

To find out the equivalent time zone in your location, enter Berlin, the CET programme time and your city into the [Time Zone Converter](#).

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Day 1 - Friday 4 December 2020

Time Speaker

Onboarding

Time	Speaker
	Welcome, introduction and course overview
14:00 - 14:20 (CET)	Allan Jones - Roche Diabetes Care, Germany Elisabeth Zielonka - EMBL Heidelberg, Germany Eva-Maria Markutzik - SOMMERRUST, Germany
14:20 - 15:25 (CET)	Introduction of Design Challenges, technical onboarding and team building with coaches
15:25 - 15:45 (CET)	Check-out: recap of the day and outlook for course
15:45 (CET)	End of day 1 - Continued access to networking and discussion platforms, pre-recorded talks

Day 2 - Monday 7 December 2020

Time Speaker

Q&A panel discussion

Time	Speaker
	Q&A panel discussion
14:00 - 15:30 (CET)	Matthias Essenpreis - Roche Diagnostics, Switzerland Kirstin Kohler - Hochschule Mannheim, Germany Katharina Ladewig - EIT Health, Germany Gregor Obernosterer - RoX Health, Germany <i>Moderated by Eva-Maria Markutzik - SOMMERRUST, Germany and Elisabeth Zielonka - EMBL Heidelberg, Germany</i>
15:30 (CET)	End of day 2 - Continued access to networking and discussion platforms, pre-recorded talks

Day 3 - Tuesday 8 December 2020

Time Speaker

Design Thinking 1

	<p>Welcome and introduction Allan Jones - Roche Diabetes Care, Germany Elisabeth Zielonka - EMBL Heidelberg, Germany Eva-Maria Markutzik - SOMMERRUST, Germany</p>
09:00 - 09:30 (CET)	
09:30 - 10:25 (CET)	<p>Design Thinking impulse and introduction to Design Challenges by challenge owners</p>
10:25 - 10:45 (CET)	<p>Coffee break</p>
10:45 - 11:15 (CET)	<p>Team building and introduction to working mode</p>
11:15 - 12:25 (CET)	<p>Understand the challenge: teams develop a shared understanding of the challenge; Q&A with challenge owners and teams</p>
12:25 - 13:25 (CET)	<p>Lunch break</p>
13:25 - 14:35 (CET)	<p>Plan and prepare user interviews: teams draft interview questions and assign interview teams</p>
14:35 - 14:55 (CET)	<p>Coffee break</p>
14:55 - 15:10 (CET)	<p>Team check-out: team-internal feedback</p>
15:10 - 15:25 (CET)	<p>Plenum sum-up: recap of the day and outlook for Design Thinking 2</p>
15:25 - 16:25 (CET)	<p>Online speed networking (optional): 1:1 breakout sessions with guiding questions to get to know each other</p>
16:25 - 16:30 (CET)	<p>Wrap-up</p>
16:30 (CET)	<p>End of day 3 - Continued access to networking and discussion platforms, pre-recorded talks</p>

Day 4 - Wednesday 9 December 2020

Time Speaker

Design Thinking 2

09:00 - 09:45 (CET)	<p>Welcome and check-in</p>
09:45 - 10:15 (CET)	<p>User interviews I: teams conduct interviews with potential users</p>

10:15 - 10:35 (CET)	Coffee break
10:35 - 11:05 (CET)	User interviews II: teams conduct interviews with potential users
11:05 - 11:20 (CET)	Create point of view I: sharing of interview results with the team
11:20 - 12:30 (CET)	Create point of view II: development of persona and point of view
12:30 - 13:30 (CET)	Lunch break
13:30 - 15:20 (CET)	Generating ideas: teams generate possible solutions and select the most promising idea
15:20 - 15:40 (CET)	Coffee break
15:40 - 15:55 (CET)	Team check-out: team-internal feedback
15:55 - 16:30 (CET)	Plenum sum-up: recap of the day and outlook for Design Thinking 3
16:30 - 18:00 (CET)	Break
18:00 - 19:30 (CET)	Keynote lecture with Q&A: Big data and wearables for managing health and disease Michael Snyder - Stanford University, USA <i>Introduced and Q&A time moderated by Katie Zeier - EMBL / Stanford Life Science Alliance, Germany</i>
19:30 (CET)	End of day 4 - Continued access to networking and discussion platforms, pre-recorded talks

Day 5 - Thursday 10 December 2020

Time	Speaker
	Design Thinking 3
09:00 - 09:15 (CET)	Welcome and check-in
09:15 - 10:40 (CET)	Prototyping: teams build a digital prototype to make the idea tangible
10:40 - 11:00 (CET)	Coffee break
11:00 - 11:45 (CET)	Testing: teams gather feedback regarding the prototype from challenge owners
11:45 - 12:20 (CET)	Evaluation of feedback: teams share feedback insights

12:20 - 13:20 (CET)	Lunch break
13:20 - 14:55 (CET)	Business modelling: development of first ideas for a business model
14:55 - 15:15 (CET)	Preparation of final presentation: teams prepare a short pitch covering their innovation journey
15:15 - 15:35 (CET)	Coffee break
15:35 - 15:55 (CET)	Final presentation: teams present to each other
15:55 - 16:10 (CET)	Team check-out: team-internal feedback
16:10 - 16:30 (CET)	Plenum check-out: recap Design Thinking course, feedback, Q&A
16:30 (CET)	End of course - Continued access to networking and discussion platforms, pre-recorded talks for 2 weeks after the start of the event