Pre-Conference Short Courses (1 June 2026)

Course 1	Course 2
Practitioner's View of Adaptive Designs Tutors: Prof. Tim Friede (University of Göttingen) and Dr. Hiya Banerjee (Eli Lilly) *Covers adaptive design methodology, ICH E20, Monte Carlo simulation, Clinical Scenario Evaluation framework, DMC roles.*	**Designing Better Trials: Advanced Randomization Methods for Modern Clinical Research** Tutors: Dr. Alex Sverdlov (Novartis), Dr. Yevgen Ryeznik (Uppsala University), Dr. Diane Uschner (Roche) — Randomisation Working Group *Covers restricted randomization, multi-arm and platform trial randomization, Response-Adaptive Randomization (RAR), regulatory perspectives.*

Scientific Programme (2–3 June 2026)

Time	Title	Presenter
DAY 1 — Tuesday 2 June 2026		
09:00–10:30	**KEYNOTE 1: Optimality, Loss and Stepped-wedge Designs**	Prof. Anthony Atkinson
Session 1 — Platform Trials & Operational/Regulatory Adaptations (11:00–12:30)		
11:00	**Adaptive Designs in Fast-Track Registration Processes for Digital Health Applications**	Liane Kluge
	Estimands and Estimation Strategies for Platform Trials with Time Trends	Marta Bofill Roig
	Adaptive Endpoint Change in Platform Trials: How to Change If You Must	Tobias Mielke
	Managing Imbalance in Randomisation with Delayed Eligibility Reveal	Rajenki Das

Session 2 — Borrowing Strength for Efficient Trials: Anytime-Valid Inference, External Controls and Covariate-Informed Design (13:30–14:45)		
13:30	**Dynamic Borrowing and Prognostic Covariate Adjustment for RCTs With External Controls: A Neutral Comparative Simulation Study**	Luzia Berchtold
	Group Sequential Design with Prognostic Score Matching as an Adaptive Information Use	Ajsi
	Anytime-Valid Inference with E-values and Confirmatory Adaptive Designs	Werner Brannath
Session 3 — Interim Monitoring, Futility & Confirmatory Programme Design (15:15–17:00)		
15:15	**Optimising Log-Rank Test Power in Group Sequential Trials with Non-Proportional Hazards via Event-Balanced Randomisation**	Atanu Bhattacharjee
	Group Sequential Designs and the Two Trials Rule — Can the Approaches Be Combined?	Fredrik Öhrn
	Interim Decision-Making in Two Parallel Pivotal Studies	Saswati Saha
	Futility Bounds for Drop-The-Losers Clinical Trial Designs	Dominique-Laurent Couturier
	Designing Event Re-estimation: Objectives and Flexibility	Yevgen Tymofyeyev
Workshop dinner		

DAY 2 — Wednesday 3 June 2026		
09:00–10:00	**KEYNOTE 2: Multiple Questions = Multiple Testing?**	Dr. Cornelia Kunz
Session 4 — Multiplicity, Multiple Endpoints & Reproducible Testing (10:15–11:45)		
10:15	**Assessing Multiple Endpoints Using a Novel Software Solution in a Late-Stage Oncology Study**	Valeria Mazzanti
	A Non-parametric Approach for Estimating Correlation Between Log-rank Test Statistics with Applications to Conjunctive Power Calculation	Anne Lyngholm Sørensen
	Optimal Weighted Tests for Replication Studies and the Two-Trials Rule with Multiple Hypotheses	David Robertson
	Automated Generation of SAP Multiplicity Appendices via the appendMCP R Package	Michael Grayling
ICH E20 Panel Discussion (12:45–13:45)		
12:45	**Panel Discussion: ICH E20 on Adaptive Clinical Trials — Implications and Implementation**	Panellists: Alex Sverdlov, Ayon Mukherjee, Sofia Villar, Andrew Thomson
Session 5 — Dose Optimization & Precision Oncology Trial Designs (14:00–15:15)		
14:00	**PREDOSE: Pharmacometrically-Refined Early-phase Dose Optimization Design for Oncology Study Enhancement**	Damitri Kundu
	Bayesian Non-Inferiority Trials for Dose Finding	Connor Fitchett
	Incorporating Clinical Belief and Restrictions in Umbrella Trial Designs	Brian Terry

Session 6 — Algorithmic Adaptive Design (15:30–17:00)		
15:30	**Adaptive Clinical Trials Based on Design-Optimal E-values: A Novel Approach for Efficient and n_max anytime-valid inference in single-arm trials with binary data**	Stef Baas
	Tuning Bayesian Response-Adaptive Randomization Hyperparameters: Monte Carlo Evaluation and Optimization of Power and Patient Benefit	Philipp Besendorfer
	Adaptive Design Strategies for Ethical and Efficient Clinical Trials Using Simulated Annealing	Rosamarie Frieri
	Confidence Sets for a Level Set in Linear Regression	Fang Wan