Program outline for the Dagstuhl Seminar "Rethinking the Role of Bayesianism in the Age of Modern AI"

	Sunday (10/11/24)	Monday (11/11/24)	Tuesday (12/11/24)	Wednesday (13/11/24)	Thursday (14/11/24)	Friday (15/11/24)
9:00:10:15		Welcome (30 min) Spotlight introductions (45 min, 1-slide presentations)	Workgroup session 1 (chair: **Jan-Willem**) *Uncertainty and benchmarks (**Tom, Alex A**, **Maurizio**)*	Workgroup session 4 (chair: **Theo P**) *Bayesian theory vs. practice (**Dan**); Teaching Bayesian ML (**Philipp**)*	Workgroup session 5 (chair: **Kevin**) *BNN posterior geometry and subspaces (**Karolina**, **Eric**)*	Collecting results from workgroups and debates
10:15-10:45		Coffee break	Coffee break	Coffee break **+ PHOTO**	Coffee break	Coffee break
10:45-12:00		Scheduling session Icebreaker Speed brainstorming	Workgroup session 2 (chair: **Maja**) *Bayesian foundation models (**Laurence**, **Thang**)*	Guided discussion (chair: **Masha**) *Bayes is useless if we can't scale to LLMs (pro: **Yingzhen**, con: **Tom, Theo K**)*	Workgroup session 6 (chair: **Mark**) *Pseudo-posteriors, Laplace, and VI (**Julyan, Jeremias, Pierre, Philipp**)*	Concluding session Discussing future steps
12:00-14:30		Lunch and socializing	Lunch and socializing	Lunch	Lunch and socializing	Lunch
14:30-15:45		Icebreaker Speed brainstorming	Workgroup session 3 (chair: **Carl Henrik**) *BNN architectures (**Yingzhen, Mark**)*	Self-organized activities (e.g., hiking, playing pool billiards, making music, exploring the castle)	Workgroup session 7 (chair: **Alex A**) *Fixing DL and sequential learning with Bayes (**Emti, Kevin**)*	Departure
15:45-16:15	Arrival	Coffee break	Coffee break		Coffee break	
16:15-17:15		Guided discussion (chair: **Vincent**) *Bayes theorem is broken for making predictions with large models* (pro: **Jeremias, Eric, Alex A**; con: **Mark**)	Guided discussion (chair: **Maurizio**) *We can build subjective Bayesian priors for NNs that we actually believe in* (pro: **Sinead, Vincent**; con: **Dan**)		Guided discussion (chair: **Alex I**) *Posteriors > Priors, Algorithms > Models* (pro: **Emti**, con: **Yingzhen**)	
17:15-17:45		Recap of the day	Recap of the day		Recap of the day	
18:00-19:00	Dinner	Dinner	Dinner	Dinner	Dinner	
19:00-open end	Socializing	Socializing	Socializing/wine tasting	Socializing/pub quiz	Socializing/karaoke	