		Monday, Aug 3	**Tuesday, Aug 4**	**Wednesday, Aug 5**
10:30		WELCOME (again !) Brief summary of line formation & ME approximation (H. Uitenbroek)	General discussion; write your own inversion (guided instructions) (I. Milic)	Introduce observational ground-based data for exercises (e.g. GRIS; IBIS, CRISP) (I. Milic)
11:00		*Spectral synthesis guided exercise*	*Write your own inversion ; test it on synthetic data*	*Exercise: Run inversion code on real datasets*
11:30				
12:00				
12:30		Introduction to the the concept of inversions. (I. Milic)	Introduction to existing ME-inversion codes; emphasis on errors, degeneracies, etc. (R. Centeno)	*Run inversion code on real datasets*
13:00		*First attempt at "inversions". Fitting exercise*	*Exercise on typical ambiguities in ME inversions*	
13:30				
14:00		BREAK		.
14:30		Summary of generation of polarized radiation and its transfer / ME case (H. uitenbroek)	*Exercise: inversion of Hinode data*	Reminder: DKIST 1st Call for Proposals (TBD)
15:00		*Exercise on forward synthesis with different spectral lines / field characteristics*		*Introduce ViSP IPC. Group exercise: devise the best ViSP configuration for your science case.*
15:30			General discussion, common doubts & issues	
16:00		ADJOURN		FINAL REMARKS
			GENERAL LECTURE	
			HANDS-ON EXERCISE	
			GROUP DISCUSSION	