	Thursday 9.11		
8:50 - 9:00		Symposium organizers	Opening remarks
		First session	Forming molecular complexity
9:00- 10:00		Paul Higgs	Keynote: Three Ways to Make an RNA Sequence: Linking Physics, Chemistry and Biology in the RNA World
10:00- 10:20		BREAK	
10:20- 10:55		Pier Luigi Luisi	What is Life?
10:55- 11:30	John Glass		Design, Construction, and Analysis of a Synthetic Minimal Bacterial Cell
11:30- 12:05		Andrei Lupas	Proteins from peptides
12:05- 13:00		LUNCH	
		Second session:	Observing evolution
13:00- 13:35		William Martin	Early evolution of microorganisms: Geochemical origin of life
13:35- 14:10		Olivier Tenallion	TBA
14:10- 14:45	Contraction in		Gene expression in a remnant chloroplast: The Plasmodium apicoplast
14:45- 15:05		BREAK	
		Third session:	Building blocks of life
15:05- 15:40		Yilian Ding	In vivo RNA structure profiling reveals novel mechanisms of post-transcriptional gene regulations
15:40- 16:40		Sarah Teichmann	Keynote: Understanding cellular heterogeneity
16:40- 17:10		Redbull Networking break	
17:10- 18:10		John Glass, Ivo Brant, Brian R. Davis, Anna Lisa Paul	Science-ish (a round table discussion)

	Friday 10.11		
9:00- 10:00		Mike Snyder	Keynote: Personal Omics profiling: Wearables and human disease
10:00- 10:20		BREAK	
		Fourth session:	Expanding the toolkit
10:20- 10:55		Wouter de Laat	How genome structure influences genome function (using high throughput 3C and sequencing methods)
10:55- 11:30		Ivo Brants	Monsanto and agricultural innovation
11:30- 12:05		Anna-Lisa Paul	The physiological adaptation of plants to spaceflight – navigating in a novel environment
12:05- 13:15		LUNCH	
		Fifth session:	Presenting the future
13:15- 13:50		Steve Long	Improving photosynthesis in crops, plants engineered to replace oil
13:50- 14:25		Brian R. Davis	Development of stem/progenitor cell-based approaches (editing of human pluripotent stem cells)
14:25-			Plants in the exploration schema – How do we get to the
15:00 15:00-		Robert Ferl	vision?
15:20		BREAK	
15:20- 16:20		Werner Gruber	<u>TBA</u>
16:20- 16:40		Symposium organizers	Closing remarks
16:40- 17:40		Ines Crisostomo	PhD student awards
18:00-		dinner and party	