

Kyoto University Winter School 2016
 "From Materials to Life: Multidisciplinary Challenges" (Tentative)

		Monday (Feb. 15)	Tuesday (Feb. 16)	Wednesday (Feb. 17)	Thursday (Feb. 18)	Friday (Feb. 19)	Saturday (Feb. 20)
Week 1 (Feb. 15-20)	8:45-9:45	Welcome & Orientation	Lecture 3	Lecture 6	Lecture 9	Lecture 12	1. Making Kyo-gashi (Kyoto confectionery) 2. Zen Meditation at Myoshinji Temple 3. Visiting Kinkaku-ji
	9:45-10:45	Lecture 1	Lecture 4	Lecture 7	Lecture 10	Lecture 13	
	11:00-12:00	Lecture 2	Lecture 5	Lecture 8	Lecture 11	Lecture 14	
	13:30-14:30	Health Guidance	Presentation 1: PhD projects	Special Lecture 1: The Aesthetics and Sensitivities of the Japanese	Japanese Calligraphy	CiRA	
	14:30-15:30	Basic Japanese 1		City Sightseeing with KU students		Gekkeikan Sake company (Dinner until 20:00)	
	15:45-16:45	1. Campus tour- KU students 2. Welcome Reception (18:00 - 20:00)			Basic Japanese 2		
		Monday (Feb. 22)	Tuesday (Feb. 23)	Wednesday (Feb. 24)	Thursday (Feb. 25)	Friday (Feb. 26)	Saturday (Feb. 27)
Week 2 (Feb. 22-26)	8:45-9:45	Lecture 15	SPIRITS Symposium: Prof. IMAHORI, Hiroshi Prof. TANAKA, Motomu	Lecture 18	Lecture 21	Lecture 24	Departure
	9:45-10:45	Lecture 16		Lecture 19	Lecture 22	Lecture 25	
	11:00-12:00	Lecture 17		Lecture 20	Lecture 23	Lecture 26	
	13:30-14:30	Presentation 2: PhD projects	Lecture & Discussion	1. The KU Museum 2. Shimadzu Corporation	Presentation 3: PhD projects	Discussion & Evaluation	
	14:30-15:30					Special Lecture 2: The History and culture of Kyoto	
	15:45-16:45						

The lectures selected from various disciplines will cover the following fields:

- Design of bio-inspired materials with novel functions
- Mathematical modeling of life and complex systems
- Development of new experimental/analytical techniques for life sciences
- Quantitative modeling of diseases and development
- Mechanical principles governing biology: mechanobiology
- New approaches in bio-medical engineering
- Synthetic biology and origin of life