

Nuclear Corrosion Summer School (NuCoSS-19) - DRAFT programme

(Please note: changes are still possible!)

Sun., 07 July 2019		Block	Lecture	Lecturer	
			Arrival at the hotel		
	16:30-17:00		Get together & coffee/tea break		
0	17:00-17:15		Welcome & school 'mechanics'	A. Legat, B. Zajec	
1a	17:15-18:30	Electrochemistry & corrosion	Introduction to corrosion (I)	F. Scenini	
			Dinner		
1b	19:30-21:00		Introduction to corrosion (II)	F. Scenini	
Mon., 08 July 2019					
1c	09:00-10:30	Electrochemistry & corrosion	Introduction to corrosion (III)	F. Scenini	
			Coffee break		
2	11:00-12:30		Advanced technologies to characterise corrosion	D. Engelberg	
			Lunch		
	13:30-17:15		Free time (social activities)		
			Get together & coffee/tea break		
3	17:30-19:00	General overview on nuclear corrosion	Corrosion in the nuclear cycle	D. Féron	
			Dinner		
4	20:00-21:30	Corrosion in LWR plants	Principle of LWRs	D. Engelberg	
Tue., 09 July 2019					
5a	09:00-10:30	Corrosion in LWR plants	Corrosion issues in LWRs - EAC (I)	H.P. Seifert & R. Kilian	
			Coffee break		
5b	11:00-12:30			Corrosion issues in LWRs - EAC (II)	R. Kilian & H.P. Seifert
				Lunch	
	13:30-17:15			Free time (social activities)	
				Get together & coffee/tea break	
5c	17:30-19:00		Corrosion issues in LWRs - EAC (III)	H.P. Seifert & R. Kilian	
			Dinner		
6	20:00-21:30		Corrosion issues in LWRs - MIC	R. Kilian	
Wed., 10 July 2019					
7	09:00-10:30	Corrosion in LWR plants	Corrosion issues in LWRs - FAC	E. Gipon	
			Coffee break		
8	11:00-12:00			Corrosion issues in LWRs - other phenomena	D. Féron
9	12:00-12:30			Corrosion/SCC mitigation in LWRs	S. Ritter
				Lunch	
	13:30-17:15			Free time/common social activity	
			Get together & coffee/tea break		
10	17:30-19:00		Corrosion monitoring in LWR environments	R.-W. Bosch	
			Dinner		
11	20:00-21:30		Corrosion in nuclear power systems – management, mechanisms and review of some field cases	P. Efsing	
Thu., 11 July 2019					
12a	09:00-10:30	Corrosion in nuclear waste disposals	Nuclear waste disposal concepts	J. Noël	
			Coffee break		
12b	11:00-12:30		Corrosion phenomena in nuclear waste disposal systems	J. Noël	
			Lunch		
	13:30-17:15		Free time (social activities)		
			Get together & coffee/tea break		
13a	17:30-19:00	Corrosion in Gen-IV systems	Gen-IV systems	L. Martinelli	
			Dinner		
13b	20:00-21:30		Corrosion phenomena in Gen-IV systems	L. Martinelli	
Fri., 12 July 2019					
14a	09:00-10:30	Exercises	Exercises in small groups (simple electrochemical/corrosion experiments) I	P. Schrems & B. Zajec	
			Coffee break		
14b	11:00-12:30		Exercises in small groups (simple electrochemical/corrosion experiments) I	P. Schrems & B. Zajec	
			Lunch		
	13:30		End of NuCoSS-19		