

TESP 2019-SMEC

Tohoku University Engineering Summer Program in 2019

for graduate students

Daily Schedule

Week 1

	July 28 (Sun)	July 29 (Mon)	July 30 (Tue)	July 31 (Wed)	August 1 (Thu)	August 2 (Fri)	August 3 (Sat)			
8:50	Arrival Hotel Check-In (15:00-)		Lab Hands-On	Lab Hands-On	Microstructure Analysis 1	[SMEC/BMEC] Tour to Japanese Swordsmith Studio near Mt. Zao and Kakuda Space Center of JAXA	TESP Field Trip			
9:30			"Ternary Alloy Design"	"Arc Melting"	Microstructure Analysis 2					
9:40		9:30 [CH-2F] Opening Ceremony								
10:20										
10:30		10:30 [MSE-307] Orientation of SMEC2019 & Self-Introduction								
11:10										
11:20		Phase Diagram								
12:00		[CH-1F "DOCK"] Welcome Lunch						Lunch		
13:00										
13:50		Designing High- Strength Alloys 1						13:00 [AMH] Japanese Culture Program-1	13:00 [AMH] Japanese Culture Program-2	Lab Hands-On
14:30				"Polishing and Sample Preparation 2"						
14:40	Designing High- Strength Alloys 2	[IEED] Japanese Hour	[IEED] Japanese Hour							
15:20										
15:30	Lab Hands-On "Practice on Thermo- Calc"	* Open Campus	* Open Campus							
16:10										

: Ceremony, TESP Activity

: Lecture & Laboratory

: SMEC Activity

Week 2

	August 4 (Sun)	August 5 (Mon)	August 6 (Tue)	August 7 (Wed)	August 8 (Thu)	August 9 (Fri)	August 10 (Sat)
8:50		[SMEC/BMEC] Tour to a Metal Recycling Company in Akita Prefecture	[SMEC/BMEC] Tour to a Nanbu-Steel Casting Workshop, and Hiraizumi, a World Heritage Site, in a Iwate Prefecture	Lab Hands-On "Microstructure and Alloy Property Measurement 1"	Lab Hands-On "Microstructure and Alloy Property Measurement 3"	Group Presentation & Final Discussion	Hotel Check-out (-11:00)
12:00	Lunch			Lunch	Lunch		
13:00	Lab Hands-On "Microstructure and Alloy Property Measurement 2"			Group Discussion & Report Preparation	13:00-16:30 [CH-2F] Final Presentation		
			16:30 [CH-2F] Closing Ceremony				
	Stay at a Hotel in Hachimantai Resort Area					19:00-21:00 [Restaurant Hagi] Farwell Party	

	: Ceremony, TESP Activity		: Lecture & Laboratory		: SMEC Activity
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