



Interdisciplinary International Silesian Summer School 2023

Materials Science and Engineering



	1st WEEK						
	03 July 2023 Mon	04 July 2023 Tue	05 July 2023 Wed	06 July 2023 Thu	07 July 2023 Fri	08 July 2023 Sat	09 July 2023 Sun
	CHORZÓW 75. Pułku Piechoty 1A					KATOWICE Uniwersytecka 4	
9:00 - 9:45		Institute of Physics presentation P/0/05	Biomaterials based on titanium alloys – production and modification P/1/10	Liquid crystals: a simple view of a complex matter P/1/10	Polish culture class	Free time	Free time
10:00 - 10:45	Organization meeting P/0/05						
11:00 - 11:45	Meeting with Dean P/0/05						
12:00 - 12:45		Institute of Chemistry presentation P/0/05	LUNCH BREAK				
13:00 - 13:45	LUNCH BREAK		Wrap your head around polymers P/1/10	Electron microscopy as a tool for studying the structure of materials P/1/10	Polish culture class		
14:00 - 14:45		Institute of Materials and Engineering presentation P/0/05					
15:00 - 15:45							
16:00 - 16:45		Institute of Computer Science presentation P/0/05					
17:00 - 17:45							
	2nd WEEK						
	10 July 2023 Mon	11 July 2023 Tue	12 July 2023 Wed	13 July 2023 Thu	14 July 2023 Fri	15 July 2023 Sat	16 July 2023 Sun
	CHORZÓW 75. Pułku Piechoty 1A				CHORZÓW 75. Pułku Piechoty 1A		
9:00 - 9:45			X-ray methods of material testing P/1/10	Analysis of the disordered structure of materials on the basis on the X-ray electron diffraction P/1/10	Excursion	Free time	Free time
10:00 - 10:45	Workshops in research teams	Workshops in research teams					
11:00 - 11:45							
12:00 - 12:45	LUNCH BREAK						
13:00 - 13:45	Crystallographic structure analysis with X-rays and electrons – common concepts, major differences ONLINE P/0/05	Introduction to High Strength Steels ONLINE P/0/05	Workshops in research teams	Workshops in research teams	Integration seminar		
14:00 - 14:45							
15:00 - 15:45		Mechanisms of fatigue damage in metallic materials ONLINE P/0/05					
16:00 - 16:45	Obtaining information from electron diffraction patterns online lecture ONLINE P/0/05	Fatigue testing ONLINE P/0/05					
17:00 - 17:45							
	3rd WEEK						
	17 July 2023 Mon	18 July 2023 Tue	19 July 2023 Wed	20 July 2023 Thu	21 July 2023 Fri		
	CHORZÓW 75. Pułku Piechoty 1A				CHORZÓW 75. Pułku Piechoty 1A		
9:00 - 9:45	Workshops in research teams	Workshops in research teams	Workshops in research teams	Excursion	Closing seminar P/0/05		
10:00 - 10:45							
11:00 - 11:45							
12:00 - 12:45	LUNCH BREAK						
13:00 - 13:45	Workshops in research teams	Workshops in research teams	Workshops in research teams				
14:00 - 14:45							
15:00 - 15:45							

UPD 22 June 2023

