

SUSTAIN-E Summer School on Sustainable Electronics
16 - 20 June, 2025 - Grenoble, France

Monday 16/06 afternoon		Speakers	Tuesday 17/06		Speakers	Wednesday 18/06		Speakers
12:30 - 1:00 pm: Check-in								
1:00 pm – 1:30 pm: Welcome Speech			8:30 am – 12:00 am: Raw Materials, Recycling Techniques & Ecodesign Methods			8:30 am – 10:00 am: More sustainable PCB and clean room technologies		
Vivien Quema (Grenoble INP) Yassine Lacknech (UGA) Youla Morfouli (GreenChips-EDU) Jean Christophe Crebier (EECONE) Thierry Baron (Labex Microélectronique)			8:30 am - 9:15 am - Ecodesign methods and indicators - Maud Rio (G-SCOP)			8:30 am - 9:15 am - Clean room sustainable technogy (LCI) - Laurent Pain (CEA)		
			9:15 am - 10:00 am - Sustainability and Circular Economy for the Manufacturing Industry - Valentina Beghetto (University of Venice)			9:15 am - 10:00 am - PCB assemblies on sustainable substrates - Attila Geczy (Budapest University of Technology and Economic)		
			10:00 am - 10:30 am: Break + Poster session			10:00 am - 10:30 am: Break + Poster session		
			10:30 am - 11:15 am - Circularity and EEE: current situation and challenges - Carole Charbuillet (ENSAM)			10:30 am - 10:40 am - Ice breaker		
			11:15 am - 12:00 am - E Waste Impact reduction and circular Economy of Critical Raw Materials - Serge Kimbel (Weeecycleing)			10:40 am - 11:20 am - Introduction to Sustainable Power Electronics - Jean-Christophe Crébier (EECONE)		
1:30 pm – 3:00 pm: Introduction to sustainable electronics			12:00 am - 1:30 pm: Lunch break			11:20 am - 12:00 am - Title TBA- Tugce TurkBay (G2Elab)		
1:30 pm - 3:00 pm - Challenges and issues for designers toward sustainable electronics - Maud Rio (G-SCOP)			1:30 pm – 3:30 pm: Microelectronics session (1st part)			12:00 am - 2:00 pm: Lunch break		
3:00 pm - 3:30 pm: Break + Poster Install			1:30 pm - 1:40 pm - Ice breaker			2:30 pm - 4:00 pm - Street Art Visit, Districts Championnet & Hoche		
3:30 pm – 5:00 pm: LC Thinking - Methodologies to assess the environmental impacts of HighTec products			1:40 pm - 2:30 pm - Circular economy in the microelectronics industry: Selected aspects - Martin Niessner (Infineon - Reuse)					
3:30 pm - 4:15 pm - Integrating Lifecycle Thinking in technology development - Sara Carniello (Joanneum Research)			2:30 pm - 3:30 pm - Reliability of electronics: From safety-critical systems to environmental sustainability - Chiara Sandionigi (CEA-LIST)					
4:15 pm - 5:00 pm - Life Cycle Thinking: Methodologies to assess the environmental impacts of electrical systems - Lucas Riondet (EECONE)			3:30 pm - 4:00 pm: Break + Poster session					
5:00 pm - 6:30 pm: Industrial case studies on sustainable electronics			4:00 pm – 5:00 pm: Ecosystems and Education					
5:00 pm - 5:30 pm - DPP Introduction - Eduard Wagner (Fraunhofer)			4:00 pm - 5:00 pm - The importance of integrating green and sustainable electronics contents into our training courses - Klaus Hofmann (TU Darmstadt - GreenChips-EDU)					
5:30 pm - 6:00 pm - UC3 & WP3 (EcoDesign Tool) activities - Anna Krzyzanowska (EECONE)			5:00 pm - 6:30 pm: Industrial case studies on sustainable electronics			5:30 pm - 10:00 pm - Gala Evening Journey in cable car to the Bastille Dinner at "Chez Le Père'Gras"		
6:00 pm - 6:30 pm - Green Energy - Vinko Zeleničić (Končar)			5:00 pm - 5:30 pm - Title TBA - Eric Dominguez (Soitec)					
6:30 pm - 7:30 pm: Panel on the industrial case studies			5:30 pm - 6:00 pm - Eco-design in ST: a Sustainable Journey - Emilie Chaix (ST-Microelectronics)					
7:30 - 10:00 - Dinner & Activity "Repair Café"			6:00 pm - 6:30 pm - Title TBA - Marie Di Tommaso (AVEGOTT)					
			6:30 pm - 7:30 pm: Panel on the industrial case studies					
			7:30 - 10:00 - Dinner & Activity "Serious Game on Sustainable ICT"					

Thursday 19/06	Speakers
8:30 am – 10:00 am: Microelectronics session (2nd part)	
8:30 am - 9:15 am - Environmental impact of IC technology - Cedric Rolin (IMEC)	
9:15 am - 10:00 am - Perspectives on the environmental impacts of semiconductors: learning from complementary approaches - Thibault Pirson (UCLouvain)	
10:00 am- 10:30 am: Break + Poster session	
10:30 am – 12:00 am: Sustainable RF circuits introduction & PCB advanced technology	
10:30 am - 11:15 am - Introduction to Sustainable RF circuits - Nhu-Huan NGUYEN (Croma)	
11:15 am - 12:00 am	
12:00 am - 1:30 pm: Lunch break	
1:30 pm – 3:00 pm: Geopolitics, regulations and economic related to more sustainable electronics (1st part)	
1:30 pm - 2:15 pm - Geopolitics and Global Supply Chains - Karine Samuel (Grenoble INP)	
2:15 pm - 3:00 pm - European Regulation and Standardization activities supporting the sustainability of Power Electronics - Amandine Louise (Schneider Electric)	
3:00 pm - 3:30 pm: Break + Poster session	
3:30 pm - 5:00 pm: Power Electronics session (2nd part)	
3:30 pm - 4:15 pm - Evaluating the environmental impacts of circularity scenarios in power electronics using Life Cycle Assessment - Pierre Yves Pichon (MERCE)	
4:15 pm - 5:00 pm - Parametric LCA (P-LCA) based integrated ecodesign methodology for Power Electronics - Li Fang (G2Elab)	
5:00 pm - 6:30 pm: Industrial case studies on sustainable electronics	
5:00 pm - 5:30 pm - PCB Title TBA - Thomas Krivec (AT&S)	
5:30 pm - 6:00 pm - Power electronics - Dominique Martineau (Schaeffler/EECONE)	
6:00 pm - 6:30 pm - Title TBA - Laurent Crémillieux (Schneider Electric) & Juan Ignacio Rubio (Schneider Electric)	
6:30 pm - 7:30 pm: Panel on the industrial case studies	
7:30 - 10:00 - Dinner + Activity « Design Fiction - Imagine the future of smartphones » by IRT Nanoelec & GEM	

Friday 20/06	Speakers
8:30 am – 10:00 am: Geopolitics, regulations and economic related to more sustainable electronics (2nd part)	
8:30 am - 9:15 am - Circular Business Model - Christian Wandji (G-SCOP)	
9:15 am - 10:00 am - The challenges of collecting and sorting for recycling of WEEE - Robin Ronceray (ECOLOGIC)	
10:00 am - 10:30 am: Break + Poster session + Exam session	
10:30 am – 11:15 am: Ecosystem building	
European Survey Synthesis - Tugce Turkbay (G2Elab-EECONE)	
11:15 am – 12:00 am: Conclusion	
Closing Remarks & Satisfaction Survey - Alice Caplier (Phelma) & Organizing Committee	
12:00 am - 1:00 pm: Closing & meal baskets	