Appendix: List of extended abstracts

The following extended abstracts were accepted for presentation at Industrial Efficiency 2020. All full-text abstracts and presentations can be found on eceee's web site, where the online version of the eceee 2020 Industrial Summer Study proceedings is published: https://www.eceee.org/library/conference_proceedings/.

PANEL 1. POLICIES AND PROGRAMMES TO DRIVE TRANSFORMATION
1-015-20 Ennshafen case study – insights into real-life industrial energy cooperation development
1-025-20 Voluntary energy efficiency agreements in Europe and the United States: insights and best practices
1-049-20 Development of the voluntary agreements system in Ukraine
1-058-20 DOW low carbon utilities
1-072-20 IMPAWATT – actions to improve the energy culture
1-114-20 Leaders in the industrial energy transition
1-124-20 No time to waste reinventing the wheel – introducing the concept of a pan-European interactive knowledge transfer platform for radical energy savings
1-129-20 White certificates in industry: M&V, additionality and global outcomes in the Italian scheme
1-138-20 What the industry needs from energy efficiency: reflections on energy efficiency programs in food & beverage sector
1-140-20 Evaluating the Polish white certificate scheme
1-150-20 Valuing and communicating the multiple benefits of energy-efficiency projects
1-151-20 Five steps to decarbonisation

PANEL 2. SUSTAINABLE PRODUCTION TOWARDS A CIRCULAR ECONOMY
2-013-20 Overcoming the carbon lock-in: a techno-economic analysis of the Spanish cement sector
2-017-20 Working with sustainability in the insulation industry
2-050-20 BAT benchmarking tools for industry

PANEL 3. ENERGY MANAGEMENT – IN REAL LIFE
3-011-20 Integrating energy efficiency in investment process – experience from Scania CV Green Field Foundry Project
3-080-20 Identification of optimal measurement points for energy monitoring of industrial processes: the case of milk powder production
3-144-20 Coaching – an effective model for energy efficiency in small and mediumsized industries

PANEL 4. TECHNOLOGY, PROCESSES AND SYSTEMS
4-003-20 Opportunities for applying high temperature heat pumps in industry
4-014-20 Digital technologies driving efficiency in electric motor driven systems
4-053-20 Efficient utilization of industrial excess heat for carbon capture and district heating
APPENDIX: LIST OF EXTENDED ABSTRACTS

4-102-20 Analysis of energy efficiency improvement and carbon dioxide abatement potentials for Swiss food and beverage sector
4-126-20 Opportunities to significantly expand & scale electrification of industrial processes

PANEL 5. BUSINESS MODELS AND FINANCE IN THE AGE OF DIGITALISATION
5-032-20 Bridging the gap: a platform to connect small industrial efficiency projects with the capital markets
5-042-20 Designing and implementing a capacity building program dedicated to the financial community aiming to boosting energy efficiency investment in the industry
5-044-20 EFFORCE: how blockchain technology can revolutionize energy efficiency investments
5-059-20 Innovative approach to use standards in new business models blockchain ready
5-062-20 Components of chemical company Paris climate alignment
5-069-20 Guaranteed and insured energy saving to boost EE investment by SMEs
5-100-20 The Energy Efficiency Financial Institutions Group (EEFIG) as a catalyst for deep decarbonization
5-142-20 Risk mitigation for industrial excess heat recovery projects

5-143-20 Industrial production to 2050: the PEPIT0 model
5-146-20 Cooling as a service: unlocking demand for clean and efficient cooling.
5-158-20 A new model for jointly purchased energy services in Turkish industrial parks
5-159-20 How can we best create a synergy between existing electricity-intensive industry, existing materials and energy systems and future establishments?

PANEL 6. DEEP DECARBONISATION OF INDUSTRY – TECHNOLOGIES, STRATEGIES & IMPLICATIONS FOR POLICY, INDUSTRY AND RESEARCH
6-022-20 GHG neutral pathways for the German chemical industry
6-045-20 Impact of carbon prices on fuel switching in the iron and steel industry
6-077-20 Towards a policy framework for a hydrogen future of German industry
6-086-20 Towards a climate-smart petrochemical process industry on the Swedish west coast
6-095-20 The ZEROC project; towards zero CO₂-emissions in the Norwegian and Swedish industry – process solutions including associated infrastructure
6-120-20 Net-zero industries