RECYCLABLE, BIODEGRADABLE, ACTIVE AND INTELLIGENT FOOD PACKAGING / Zaragoza (Spain), 14-18 November 2022

Hour	Monday 14	Tuesday 15	Wednesday 16	Thursday 17	Friday 18
9:15-10:15	Opening	3.2. Recyclability of papers and cardboards **C. Nerín**	4.3. Paper/plastic packaging: laminated films, poly-coated paper and cardboard **F. Licciardello**	5.5. Regulatory aspects **F. Poças**	Technical visit to Aitiip **C. Peñalva**
10:15-11:15	1. Introduction **C. Nerín**	3.3. Technological issues and functional performance: design for recycling **L. Incarnato**	4.4. Advantages and disadvantages of bio-based materials in packaging **C. Peñalva**	6. Intelligent packaging 6.1. Sensors and indicators: oxygen and other gases, temperature, microorganisms, etc. **R. Becerril**	
Coffee break					
11:45-12:45	1. Introduction **C. Nerín**	3.3. Technological issues and functional performance: design for recycling **L. Incarnato**	5. Active packaging 5.1. Absorbers and scavengers; emitters and releasers **F. Silva**	6.2. Regulatory aspects **C. Nerín**	Group work. Session 4: results and conclusions **F. Silva, C. Peñalva**
12:45-14:00	**Lunch break**				
14:00-15:00	2. Circular Economy and packaging **C. Peñalva**	3.4. Regulatory aspects **F. Poças**	5.2. Antioxidant packaging **F. Silva**	7. Nanotechnology in food packaging **F. Licciardello**	Group work Presentation of results and discussion **C. Nerín, C. Peñalva, F. Poças, F. Silva**
15:00-16:00	3. Recycling in packaging 3.1. Recyclability of plastics: mechanical, chemical and thermal recycling processes **F. Poças**	4. Biodegradable and compostable packaging 4.1. Source, processing, properties and uses **F. Licciardello**	5.3. Antimicrobial packaging **F. Silva**	8. Tools for assessment of the environmental sustainability of packaging 8.1. Life cycle analysis and carbon footprint **A. Navajas**	
Coffee break					
16:15-17:15	3.1. Recyclability of plastics: mechanical, chemical and thermal recycling processes **C. Nerín**	4.2. Biodegradation and composting processes **C. Peñalva**	5.4. Incorporation of active ingredients in the packaging material **F. Poças**	8.2Examples and applications **F. Poças and A. Navajas**	Group work Presentation of results and discussion Conclusions and lessons learned **C. Nerín**
17:15-18:15		Group work. Session 1: Problem definition **C. Nerín, F. Poças, F. Licciardello**	Group work. Session 2: data collection **C. Peñalva, F. Silva, F. Poças**	Group work. Session 3: formulation of solutions **A. Navajas, C. Nerín, F. Poças**	