



TOPIC 1 - KNOWLEDGE, EDUCATION & TRAINING

MONDAY-TUESDAY

- 1.1. Curriculum Development & Transformation (*from T1.1.001 to T1.1.009*)
- 1.2. e-Learning & e-Assessment (*from T1.2.010 to T1.2.013*)
- 1.3. Teaching Engineering Design Safety & Sustainability (*from T1.3.014 to T1.3.022*)

TOPIC 2 - UNIT OPERATIONS & SEPARATION PROCESSES

MONDAY-TUESDAY

- 2.1. Thermodynamics & Transport Phenomena -combined with JE-IUT (*from T2.1.001 to T2.1.028*)
- 2.2. Heat & Mass Transfer (*from T2.2.029 to T2.2.048*)
- 2.3. Separation Processes (*from T2.3.049 to T2.3.136*)

TOPIC 3 - CHEMICAL REACTION ENGINEERING

MONDAY-TUESDAY

- 3.1. Kinetics & Catalysis (*from T3.1.001 to T3.1.077*)
- 3.2. Chemical Reactors & Photochemical Reactors (*from T3.2.078 to T3.2.111*)

WEDNESDAY-THURSDAY

- 3.4. High Pressure Technology & Processes (*from T3.4.112 to T3.4.126*)
- 3.5. Multiphase Flow & Reactors -combined with JE-Fibre Suspensions (*from T3.5.127 to T3.5.157*)
- 3.6. Micro-reactors (*from T3.6.158 to T3.6.179*)

TOPIC 4 - PROCESS SYSTEM ENGINEERING

WEDNESDAY-THURSDAY

- 4.1. Computer Aided Process Engineering-(integrated in ESCAPE-27 (*from T4.1.001 to T4.1.084*))



TOPIC 5 - PRODUCT ENGINEERING & ADVANCED MATERIALS

MONDAY-TUESDAY

- 5.1. Product Design -6th Symposium on Product Design and Engineering (from T5.1.001 to T5.1.007)
- 5.2. New Materials & Nano-Materials (from T5.2.008 to T5.2.072)
- 5.4. Membrane Science & Technology (from T5.4.106 to T5.4.124)

WEDNESDAY-THURSDAY

- 5.3. Polymers & Composites (from T5.3.073 to T5.3.105)
- 5.5. Food Science & Technology (from T5.5.125 to T5.5.150)

TOPIC 6 - APPLIED BIOTECHNOLOGY (integrated in ECAB4)

MONDAY-TUESDAY

- 6.1. Bioprocess Engineering (from T6.1.001 to T6.1.132)
- 6.5. Bio-based Economy: Biorefineries (from T6.5.221 to T6.5.256)

WEDNESDAY-THURSDAY

- 6.2. Health Biotechnology & Engineering (from T6.2.133 to T6.2.160)
- 6.3. Environmental Biotechnology (from T6.3.161 to T6.3.196)
- 6.4. Measuring, Modeling, Monitoring & Control (from T6.4.197 to T6.4.220)
- 6.6. Marine Biotechnology & Engineering (from T6.6.257 to T6.6.264)

TOPIC 7 - ENVIRONMENTAL & SUSTAINABLE CHEMICAL ENGINEERING

MONDAY-TUESDAY

- 7.2. Air Pollution Control (from T7.2.041 to T7.2.062)
- 7.3. Water Management & Treatments -combined with JE-AOP (from T7.3.063 to T7.3.159)
- 7.6. Clean Energy Processes & New Energy Vectors (from T7.6.220 to T7.6.265)



TOPIC 7 - ENVIRONMENTAL & SUSTAINABLE CHEMICAL ENGINEERING (Cont.)

WEDNESDAY-THURSDAY

7.1. Resources Use & Sustainable Technologies -partially integrated in ICCOSE 2017
(from T7.1.001 to T7.1.040)

7.4. Waste Reduction & Valorisation (from T7.4.160 to T7.4.213)

7.5. Soil Remediation & Hazardous Wastes (from T7.5.214 to T7.5.219)

7.7. Capture, Storage & Use of CO₂ (from T7.7.266 to T7.7.307)

JOINT EVENT - IPIC1/EPIC6/APSPIS3

WEDNESDAY – THURSDAY

Batch to continuous (from JE-IPIC-001 to JE-IPIC-007)

Energy activation (from JE-IPIC-008 to JE-IPIC-010)

Hybrid process and multifunctional process (from JE-IPIC-011 to JE-IPIC-014)

Modelling and control of intensified processes (from JE-IPIC-015 to JE-IPIC-024)

Modular process (from JE-IPIC-025 to JE-IPIC-028)

Process Intensification (integrated in IPIC1/EPIC6/APSPIS3) (from JE-IPIC-029 to JE-IPIC-053)

Process Intensification for new product development (from JE-IPIC-054 to JE-IPIC-059)

Scale-up & industrial implementation of intensified technologies
(from JE-IPIC-060 to JE-IPIC-064)

Sustainability and safety (JE-IPIC-065)

JOINT EVENT - ICOSSE'17

MONDAY-TUESDAY

Bringing sustainability to the mainstream (from JE-ICOSSE-001 to JE-ICOSSE-014)

Innovative process technology for sustainable products and services
(from JE-ICOSSE-015 to JE-ICOSSE-023)

The transition to sustainable living (from JE-ICOSSE-024 to JE-ICOSSE-026)



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JOINT EVENT - PARMAT 2017

WEDNESDAY - THURSDAY

Mixing (*from JE-PARMAT-001 to JE-PARMAT-029*)

Particulate Solids (*from JE-PARMAT-030 to JE-PARMAT-062*)

JOINT EVENT - PROCESS SAFETY SYMPOSIUM

MONDAY-TUESDAY

Process safety (*from JE-PS-001 to JE-PS-024*)

Education on Process Safety (*from JE-PS-025 to JE-PS-026*)

Industrial Process Safety (*from JE-PS-027 to JE-PS-035*)

Process Safety Case Studies and Lessons Learned (*JE-PS-036*)

Process Safety Leadership (*from JE-PS-037 to JE-PS-040*)

JOINT EVENT - ENERGY STORAGE

WEDNESDAY - THURSDAY

From *JE-ES-001 to JE-ES-043*

JOINT EVENT - CFD IN CHEMICAL ENGINEERING SYMPOSIUM

WEDNESDAY - THURSDAY

From *JE-CFD-001 to JE-CFD – 053*

JOINT EVENT - AOPs SYMPOSIUM

WEDNESDAY - THURSDAY

From *JE-AOP-001 to JE-AOP-032*

JOINT EVENT - ELECTROCHEMICAL ENGINEERING

WEDNESDAY – THURSDAY

From *JE- EE-001 to JE- EE-029*



JOINT EVENT - INTERNATIONAL SYMPOSIUM ON LIGNO-CELLULOSIC MATERIALS

MONDAY-TUESDAY

Advanced Analytical Techniques including Surface analysis
(from JE-LIGNOCELL-001 to JE-LIGNOCELL-004)

Biosynthesis and Deconstruction of lingo-cellulosic biomass
(from JE-LIGNOCELL-005 to JE-LIGNOCELL-013)

Economy and Socioeconomic of lingo-cellulosic materials
(from JE-LIGNOCELL-014 to JE-LIGNOCELL-015)

Integration of multi-feedstock, multi-products, multi-processes and multi energy production in the third generation bio-refinery. New molecules from bio-refineries
(from JE-LIGNOCELL-016 to JE-LIGNOCELL-021)

Ligno-celluloses, Celluloses & Papers as smart materials. Paper & Board advanced materials
(from JE-LIGNOCELL-022 to JE-LIGNOCELL-023)

Nano-technology, Micro- & Nano-celluloses, and their applications. Composites and Nano-composite materials
(from JE-LIGNOCELL-024 to JE-LIGNOCELL-026)

Polymers from renewable resources. Bio-natural Adhesives
(from JE-LIGNOCELL-027 to JE-LIGNOCELL-029)

Recycling of complex lingo-cellulosic materials
(from JE-LIGNOCELL-030 to JE-LIGNOCELL-034)

Thermo-conversion and Bio-energy from biomass
(from JE-LIGNOCELL-035 to JE-LIGNOCELL-050)

JOINT EVENT - 7th INTERNATIONAL SYMPOSIUM ON SPOUTED BEDS

MONDAY – TUESDAY

From JE-ISSB-7-001 to JE-ISSB-7-027

JOINT EVENT - SYMPOSIUM ON FIBRE SUSPENSIONS IN PROCESS ENGINEERING

WEDNESDAY – THURSDAY

From JE-FIEBRE-001 to JE-FIEBRE-006

JOINT EVENT – NANOCELLULOSE

WEDNESDAY - THURSDAY

From JE-N-001 to JE-N-008



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JOINT EVENT - GAS HYDRATES

MONDAY-TUESDAY

From JE-GH-001 to JE-GH-002

JOINT EVENT - 4th SYMPOSIUM ON INDUSTRIAL USE OF THERMODYNAMICS

MONDAY-TUESDAY

From JE-UIT-001 to JE-UIT-011

SCEJ-ECAB SESSION

MONDAY & TUESDAY

From SCEJ-ECAB 001 to SCEJ-ECAB 005

ESCAPE

MONDAY

T1.- Modeling and simulation (from P1-01 to P1.22)

T2.- Synthesis and Design (from P2.01 to P2.22)

T3.- Planning and Scheduling (from P3.01 to P3.19)

T6.- Concepts, Methods and Tools (from P6.01 to P6.14)

T7.- CAPE applications addressing Global Grand Challenges (from P7.01 to P7.27)

TUESDAY

T1.- Modeling and simulation (from P1-25 to P1.45)

T2.- Synthesis and Design (from P2.23 to P2.42)

T5.- Integrated/Holistic approaches (from P5.01 to P5.30)

T6.- Concepts, Methods and Tools (from P6.15 to P6.31)

T7.- CAPE applications addressing Global Grand Challenges (from P7.28 to P7.44)

WEDNESDAY

T1.- Modeling and simulation (from P1-50 to P1.65)

T2.- Synthesis and Design (from P2.43 to P2.67)

T4.- Process monitoring and control (from P4.01 to P4.29)

T7.- CAPE applications addressing Global Grand Challenges (from P7.45 to P7.64)



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