<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td><strong>Specialized School - Opening session</strong>&lt;br&gt;Prof. Belarbi R., Prof. Bennacer R., Prof. El Ganaoui M.</td>
<td>Amphithéatre du pôle communication, Multimédia et réseaux</td>
</tr>
<tr>
<td>8:30 AM</td>
<td><strong>EL GANAOU M., Université de Lorraine, France</strong>,&lt;br&gt;&quot;Cauchemar au doctorat&quot;</td>
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<tr>
<td>9:45 AM</td>
<td><strong>BENNACER R., ENS Cachan, France</strong>,&lt;br&gt;&quot;La recherche multiphysique autour du bâtiment&quot;</td>
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<tr>
<td>10:30 AM</td>
<td>Free time</td>
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<tr>
<td>11:00 AM</td>
<td><strong>BELARBI R., Université de La Rochelle, France</strong>,&lt;br&gt;&quot;Mécanismes de Transferts Couplés Chaleur/Humidité&quot;</td>
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<tr>
<td>11:45 AM</td>
<td><strong>HRISTOV J., University of Chemical Technology and Metallurgy, BULGARIA</strong>,&lt;br&gt;&quot;Time-fractional models by Integral-balance&quot;</td>
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<tr>
<td>12:30 PM</td>
<td>Free time</td>
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<tr>
<td>1:30 PM</td>
<td><strong>LACROIX M., Université de Sherbrooke, Canada</strong>,&lt;br&gt;&quot;L'énergie, la santé et la richesse&quot;</td>
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<tr>
<td>2:25 PM</td>
<td><strong>KADRI E-H., Université de Cergy Pontoise, France</strong>,&lt;br&gt;&quot;Rhéologie et Tribologie des Matériaux Cimentaire et leur Applications&quot;</td>
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<tr>
<td>3:20 PM</td>
<td>Free time</td>
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<tr>
<td>3:35 PM</td>
<td><strong>DEGLISE X., Université de Lorraine, France</strong>,&lt;br&gt;&quot;Introduction au matériau Bois&quot;</td>
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<tr>
<td>4:30 PM</td>
<td><strong>TCHANNE B., International Institute for Sustainable Development, Germany</strong>,&lt;br&gt;&quot;Organic rankine cycle systems and their potential contribution to climate change mitigation&quot;</td>
<td>Registration / Enregistrement &lt;br&gt;(Pôle Communication, Multimédia &amp; Réseaux)</td>
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<td>6:30 PM</td>
<td>End of the first day of thematic school</td>
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<tr>
<td>Session Time</td>
<td>Session Title</td>
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<tr>
<td>8:00 AM</td>
<td>Registration / Enregistrement</td>
<td>(Pôle Communication, Multimédia &amp; Réseaux)</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Opening Session - Chairs: R. Belarbi, R. Bennacer, M. El Ganaoui</td>
<td>(Pôle Communication Multimédia &amp; Réseaux)</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Keynote - Prof. Combarnous M., &quot;World production and energy consumptions: what kind of mid-term evolutions?&quot; Chairman: R. Bennacer (Pôle Communication Multimédia &amp; Réseaux)</td>
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<tr>
<td>10:40 AM</td>
<td>Coffee Break (Technoforum)</td>
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<tr>
<td>11:40 AM</td>
<td>Keynote - Prof. Lacroix M., &quot;Transition to renewable energies: a reality check&quot; Chairman: M. El Ganaoui (Pôle Communication Multimédia &amp; Réseaux)</td>
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<tr>
<td>12:05 PM</td>
<td>Lunch (Technoforum)</td>
<td></td>
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</tbody>
</table>
| 2:30 PM      | Parallel Session "S1A" - Room Orbigny C01  
Thermal Building and Optimisation  
Chairman: R. Djedjig |  
52 Mohamed Said D. et al., "Study energy consumption in residential buildings in hot humid climate in Zizouia"  
165 Morid S. et al., "Numerical investigation of entropy generation in a porous-air burner"  
60 Benabou B. et al., "Numerical evaluation of the influence of the mud on the thermal convection in buildings."  
62 El-Khattabi E. et al., "Validation of a study on the evaluation of buildings energy north of Morocco with software Trnsys16"  
73 Gourdo L. et al., "Heating of a greenhouse by means of a rock bed accumulator"  
80 Ichahani R. et al., "Analysis of exterior shading by overhangs and fins in hot climates"  
87 Kassim S. et al., "Energy efficiency in buildings: the effect of building envelope on optimal calculation of the building orientation"  
97 Khadous S. et al., "A simulation based optimization method for energy efficiency of a multi-zone house integrated phase change material"  
104 Hamidi S. et al., "The study natural ventilation by using buildings windows: case study in a hot dry climate, ghadrif, algeria"  
123 Benazza M.H. et al., "Study of the effect of sun patch on the transient thermal behaviour of a heating floor"  
136 Laymi N. et al., "Effect of the occupant and the inside facing cooling of a multi-alveolar structure on the unsteady thermal behavior of a bi-zone building"  
139 Benamar D. et al., "The effects of water flow on thermal comfort in courtyard houses in arid regions"  
143 Manoura O. et al., "Albedo effect of external surfaces on the energy loads and thermal comfort in buildings"  
153 Hamla Chairi F. et al., "Study of the impact of opening on the light and thermal efficiency"  
175 Tibermesse L. et al., "Effects of building typology on energy consumption in hot and arid regions"  
180 Mohamed Said D. et al., "Study energy consumption in residential buildings in hot humid climate in Zizouia"  
186 Morid S. et al., "Numerical investigation of entropy generation in a porous-air burner"  
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175 Tibermesse L. et al., "Effects of building typology on energy consumption in hot and arid regions"  |  
6 Sihra A. et al., "Design of an experimental device for the study of hygrothermal behavior for very hygroscopic wall"  
59 El Khatmi R. et al., "Effect of locations and thicknesses for the different material constituting a building wall"  
64 Bendib F. et al., "Heat transfer in porous building material"  
111 Qin M. et al., "Synthesis and characteristics of composite phase change humidity control materials"  
117 El-Ah M. et al., "Infrared thermography and finite element method applied to the detection of a plaster detachment"  
125 Ferracioli M.Y. et al., "Experimental validation of a hom-bes co-simulation approach"  
133 Issawi N. et al., "Experimental assessment of the variability of concrete as permeability: repeatability, reproducibility and spatial variability"  
144 Dlugosz M. et al., "Optimal control by using reduced order models for transfer equations"  
151 Raafat S. et al., "Thermal transmittance comparison between multilayer walls made from hollow flush clay and plaster-granular cork bricks using electrical analogy"  
174 Thauff J. et al., "Numerical analysis of heat and moisture transfer in porous materials"  
196 Mersam A. et al., "Electrical prediction of tortuosity in porous media"  |  
30 Bandy A. et al., "Influence of drying conditions on hydration of cement pastes with substitution of partial cement by a recycled cement paste"  
34 Kebabli B. et al., "Effect of concrete waste quality on the compressive strength of recycled concrete"  
58 Fekka K. et al., "Influence of recycled aggregates on the mechanical and tribological behavior of concrete"  
101 Azzouz L. et al., "Performance of dry sand concrete made using recycled materials"  
103 Thadeleson I.M. et al., "Elaboration and characterization of eco-materials made from recycled or bio-based raw materials"  |  
115 Benoubrou M. et al., "Comparative study of the properties of mortars with recycled glass aggregates incorporated by edging and substituting"  
138 Goud N. et al., "Analysis of physical and mechanical properties of concrete containing recycled aggregate for the enhance of these aggregates"  
154 Benouali S. et al., "Utilisation of quarry residues marble wastes sand as an addition in cement"  |  
160 Sett B. et al., "Properties of fiber reinforced concrete using recycled aggregates"  
178 Touze P.M. et al., "Mechanical and thermal characterization of stabilised earth-bricks"  |  
210 Khaddi M. et al., "Characterization study of the anisotropy of natural afla fibers and their interface with epoxy resin by nanindentation tests"  
209 Beghdad H. et al., "Contribution to the modeling of cracked composite panels" |
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<thead>
<tr>
<th>Time</th>
<th>Session/Panel/Workshop</th>
<th>Speaker (Presenter)</th>
<th>Title/Description</th>
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<tbody>
<tr>
<td>8:15 AM</td>
<td>Keynote</td>
<td>Belaid A. et al.</td>
<td>Study of laminar-turbulent transient flow conjugated with mixed convection in a vertical channel</td>
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<tr>
<td>9:10 AM</td>
<td>Keynote</td>
<td>Cherifi M. et al.</td>
<td>Coupled radiation and double-diffusive laminar mixed convection flow in a lid-driven cavity</td>
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<tr>
<td>37</td>
<td>Parallel Session &quot;S3A&quot; - Room Orbigny C01</td>
<td>Ben Aoua S. et al.</td>
<td>Study of dynamic and thermal fields in a channel filled with an anisotropic porous matrix</td>
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<tr>
<td>38</td>
<td>Parallel Session &quot;S3A&quot; - Room Orbigny C01</td>
<td>Belhadj B. et al.</td>
<td>Effect of wall orientation of the sand concrete lightened by lignocellulosic materials on the thermal inertia properties</td>
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<tr>
<td>63</td>
<td>Parallel Session &quot;S3A&quot; - Room Orbigny C01</td>
<td>Ben Hamed H. et al.</td>
<td>Numerical analysis of bifurcations in thermal convection of Boger fluids saturating a porous square box</td>
</tr>
<tr>
<td>66</td>
<td>Parallel Session &quot;S3A&quot; - Room Orbigny C01</td>
<td>Bahria S. et al.</td>
<td>A dynamic simulation of the low-energy building using the wood-based material</td>
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<tr>
<td>86</td>
<td>Parallel Session &quot;S3A&quot; - Room Orbigny C01</td>
<td>Bourdot A. et al.</td>
<td>Hydrothermal properties of hemp starch composite</td>
</tr>
<tr>
<td>14</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Achour A. et al.</td>
<td>Thermal conductivity and thermal degradation of cementitious mortars reinforced with doum and diss fibers</td>
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<tr>
<td>35</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Boudaoud W. et al.</td>
<td>Numerical analysis of al2o3/water nanofluids natural convection and entropy generation in enclosures</td>
</tr>
<tr>
<td>37</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Zemani-Kaci F. et al.</td>
<td>Unsteady natural convection in a water filled cavity with hot partitioned wall</td>
</tr>
<tr>
<td>43</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Chenfi M. et al.</td>
<td>Study of dynamic and thermal fields in a channel filled with an anisotropic porous matrix</td>
</tr>
<tr>
<td>47</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Bahria S. et al.</td>
<td>Effect of wall orientation of the sand concrete lightened by lignocellulosic materials on the thermal inertia properties</td>
</tr>
<tr>
<td>51</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Bourdot A. et al.</td>
<td>Hydrothermal properties of hemp starch composite</td>
</tr>
<tr>
<td>54</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Collet F. et al.</td>
<td>&quot;Hygro-mechanical properties of hemp-clay composite&quot;</td>
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<tr>
<td>58</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Basaid D. et al.</td>
<td>Influence of hardener type for epoxy matrix on the mechanical behavior of composite laminates</td>
</tr>
<tr>
<td>63</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Choukairy K. et al.</td>
<td>Numerical and analytical analysis of the thermosolutal convection in an heterogeneous porous cavity</td>
</tr>
<tr>
<td>66</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>El Hachem C. et al.</td>
<td>Microscopic swelling analysis of spruce wood in sorption cycle</td>
</tr>
<tr>
<td>93</td>
<td>Parallel Session &quot;S3B&quot; - Room Orbigny C02</td>
<td>Himane N. et al.</td>
<td>Effect of buoyancy ratio on an unsteady double diffusive natural convection in vertical open-ended cylinder filled with porous medium</td>
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**Thursday - May 19, 2016**

**Keynote - Prof. Deglise X., "Trend and opportunities in wood based bio-industries"**

**Chairman: M. Bensaïbi (Pôle Communication Multimédia & Réseaux)**

**Parallel Session “S3A” - Room Orbigny C01**

- **Chairman: N. Marta**
- Heat and Mass trasferf Optimisation (II)

**Parallel Session “S3B” - Room Orbigny C02**

- **Hygroscopic & Bio-Materials /Composites**
- **Chairman: F. Collet**

**Parallel Session “S3A” - Room Orbigny C01**

- 37 Belaid A. et al., "Study of laminar-turbulent transient flow conjugated with mixed convection in a vertical channel"
- 43 Chenfi M. et al., "Coupled radiation and double-diffusive laminar mixed convection flow in a lid-driven cavity"
- 63 Zemani-Kaci F. et al., "Unsteady natural convection in a water filled cavity with hot partitioned wall"
- 66 Ben Aoua S. et al., "Study of dynamic and thermal fields in a channel filled with an anisotropic porous matrix"
- 74 Ben Hamed H. et al., "Numerical analysis of bifurcations in thermal convection of Boger fluids saturating a porous square box"
- 86 Belhadj B. et al., "Effect of wall orientation of the sand concrete lightened by lignocellulosic materials on the thermal inertia properties"
- 93 Bahria S. et al., "A dynamic simulation of the low-energy building using the wood-based material"
- 47 Bourdot A. et al., "Hydrothermal properties of hemp starch composite"
- 51 Collet F. et al., "Hygro-mechanical properties of hemp-clay composite"
- 54 Basaid D. et al., "Influence of hardener type for epoxy matrix on the mechanical behavior of composite laminates"
- 63 El Hachem C. et al., "Microscopic swelling analysis of spruce wood in sorption cycle"
- 66 Himane N. et al., "Effect of buoyancy ratio on an unsteady double diffusive natural convection in vertical open-ended cylinder filled with porous medium"
- 93 Bahria S. et al., "A dynamic simulation of the low-energy building using the wood-based material"

**Parallel Session “S3B” - Room Orbigny C02**

- 14 Achour A. et al., "Thermal conductivity and thermal degradation of cementitious mortars reinforced with doum and diss fibers"
- 35 Boudaoud W. et al., "Numerical analysis of al2o3/water nanofluids natural convection and entropy generation in enclosures"
- 37 Zemani-Kaci F. et al., "Unsteady natural convection in a water filled cavity with hot partitioned wall"
- 43 Chenfi M. et al., "Coupled radiation and double-diffusive laminar mixed convection flow in a lid-driven cavity"
- 63 Zemani-Kaci F. et al., "Unsteady natural convection in a water filled cavity with hot partitioned wall"
- 66 Ben Aoua S. et al., "Study of dynamic and thermal fields in a channel filled with an anisotropic porous matrix"
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- 93 Bahria S. et al., "A dynamic simulation of the low-energy building using the wood-based material"
- 47 Bourdot A. et al., "Hydrothermal properties of hemp starch composite"
- 51 Collet F. et al., "Hygro-mechanical properties of hemp-clay composite"
### Parallel Session "S4A" - Room Orbigny C01
**Thermal Building and Energy Storage**
Chairman: M. Duquesne

| 45 | Kedissa C. et al., "Simulation of summer and winter microclimate and thermal comfort within urban open space in semi-arid climate"
| 47 | Drouanne M. et al., "Crystal growth kinetics of sugar alcohols as phase change materials for thermal energy storage"
| 76 | Hassene A. et al., "On the semi-analytical solution of integro-partial differential equations"
| 102 | Bin L. et al., "Effect of the position of the phase change material (pcm ma2CO3-10H2O) on the solar chimney effect"
| 119 | Bissou M.S. et al., "Numerical study of transfer by convection in a lid-driven cavity with a thin pcm layer"
| 149 | Elhadjoua R. et al., "Numerical study of the solidification of nano-enhanced phase change material in a latent heat storage unit cooled by laminar heat transfer fluid flow"
| 167 | Sialy Y. et al., "Study of thermo physical properties of a building material based on pcm"
| 202 | Benazzou N.E. et al., "Numerical modeling of solar drying of thin layer of wet sand"
| 205 | Ben Hassine N. et al., "Numerical simulation of heat and mass transfer during solar drying of residual sludge: solar radiation effect"
| 206 | Mroui F. et al., "Numerical study of coupled heat and mass transfer in multi-layer building materials: analysis of the effect of internal and external insulation"
| 208 | Belkadi F. et al., "A comparative study about the energetic impact of dryland residential buildings with the integration of photovoltaic system"
| 171 | Issaoui M. et al., "Instant autovaporization as intensification way of classic distillation processes: fundamental and industrial applications"
| 174 | Sahib A.D. et al., "Thermal characteristics in solar air heater fitted with plate baffles and heating corrugated surface"
| 30 | Tahiti A. et al., "Ruditive forcing of desert aerosol observed at oases (morocco), towanassen (algeria) and ibnek (nigeria)"

### Parallel Session "S4B" - Room Orbigny C02
**Energetic systems**
Chairman: E. Bozonnet

| 17 | Aïdkaoue M.S. et al., "Energetic analysis and optimization regime of temperatures for absorption chiller single stage aero-6k3"
| 22 | Boañofo D. et al., "Performance improvement of combined organic Rankine vapor compression cycle using a serial adsorptive evaporator in the organic cycle"
| 23 | Djermoune M. et al., "Comparative assessment of ORC and SOFC engines"
| 32 | Aitassak M. et al., "Modelling of an roe extraction column using the differential maximum entropy method (dmaxent)"
| 40 | Ben Hara R. et al., "Performance optimization for absorption refrigeration machine".
| 46 | Louarni D. et al., "Energetic and energetic analysis of a novel mixture for an absorption/compression refrigeration system: C245a/Deconox"
| 50 | Borisk C. et al., "Experimental investigation of syrups and hydrogen"
| 177 | Trojani P. et al., "Analysis the performance of a new system which combines a-ucs for the cogeneration"
| 89 | Dehnia R. et al., "Numerical modeling of a regenerative burning tank"
| 127 | Brahim M. et al., "Design analysis of a mic desalination unit powered by a grid connected photovoltaic system"
| 148 | Ali El Cadhi R. et al., "Thermal and optical analysis of a 3.3 mth parabolic trough solar collector operating with air at 600°C"
| 155 | Ben Mahfoud S. et al., "Simulation of photovoltaic installation connected to the grid with storage system"
| 162 | Soli N., "A numerical investigation of a diffusion-absorption chiller based on propylene-nonane mixture"
| 187 | Boukchana Y. et al., "Transient analysis of a solar absorption refrigeration with external and internal irreversibilities"

### Parallel Session "S4C" - Room Orbigny A300
**Constructive materials: Mechanical Optimisation**
Chairman: M. Abed

| 7 | Abellali K. et al., "Influence of the pozzolanic reactivity of the slag and metakaolin on mortars"
| 8 | Abellali K. et al., "Influence of the origin of metakaolin on pozzolanic reactivity of mortars"
| 21 | Merah A. et al., "The behavior of concrete based on apc cement and blended cement subjected to accelerated carbonation"
| 27 | Ali-Kharji H. et al., "Meso-scale analysis of the aggregate size influence on the mechanical properties of heterogenous materials using the braquian splitting test"
| 19 | Mekki A. et al., "Prediction of the stiffness modulus of a polymer modified asphalt via the experimental design method"
| 19 | Belkadi M. et al., "Effect of the glass powder and the polypropylene fibers on the characteristics of high-performance concretes"
| 44 | Benchallal S. et al., "The total replacement effect of limestone powder by marble powder on the freeze-thaw resistance of the self-compacting concretes"
| 100 | Assaad M. et al., "Effect of sand type on performances of self-compacting concrete"
| 109 | Zaidi A. et al., "The properties effect on residual deformations in fpr reinforced concrete elements in hot zone"
| 199 | Rashid M. et al., "Time-dependent behavior of composite steel-concrete beams with creep according Eurocode 4"
| 209 | Hammou Y. et al., "Dynamic analysis of fiber reinforced composite beam containing a transverse crack"
| 161 | Setti F. et al., "Abrasion resistance of concrete and high strength concrete reinforced with steel fibers"
| 163 | Adelri S. et al., "Seismic vulnerability classification of roofs"
| 172 | Ayad T. et al., "Mechanical behavior of a structure reinforced by carbon fibers"
| 158 | Bodan S. et al., "Thermo-mechanical behavior of unrefined clay bricks and fired clay bricks made from a mixture of clay and laterite"

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**Thursday - May 19, 2016**

<table>
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| 2:30 PM | **Parallel Session "S4A" - Room Orbigny C01**  
Thermal Building and Energy Storage  
Chairman: M. Duquesne | **Parallel Session "S4B" - Room Orbigny C02**  
Energetic systems  
Chairman: E. Bozonnet | **Parallel Session "S4C" - Room Orbigny A300**  
Constructive materials: Mechanical Optimisation  
Chairman: M. Abed |
| 3:30 PM | Poster Session (S4A, S4B, S4C) Coffee break  
(Technoforum) | Mini Symposia / Commission and specific meetings  
(Open to the public) |  |
| 5:30 PM | Free time  
(Visit to the city) |  |  |
| 7:30 PM | Gala dinner & Awards  
(Restaurant Océanide - Hotel Mercure) |  |  |
Friday - May 20, 2016

Keynote - Prof. Rees A., "The effect of microstructure on the two dimensional flow of a bingham fluid in porous media"
Chairman: N. Boukadida (Pôle Communication Multimédia & Réseaux)

Parallel Session "SSA" - Room Orbigny C01
Inner and outer Flows
Chairman: S. Morsli

19 Benabd A. et al., "Resuspension of indoor particles due to human foot motion"
33 Aitrou A. et al., "Experimental investigation of soil particles filtration process through granular porous media"
79 Housa S. et al., "A dfi consol model for simulating complex urban flow"
82 Assam M.H. et al., "Dynamics of a plane impinging jet in the presence of self-sustaining sound: correlation between the acoustic field and the transverse velocity"
83 Assam M.H. et al., "The turbulent kinetic energy and the acoustic field in a rectangular jet impinging on a slotted plate"
85 Janssen R. et al., "Finite element modeling of polyethylene flows using the direct quadrature method of moments"
91 Limam K. et al., "Numerical study of transport and particle deposition inside buildings"
92 Fontan M. et al., "Experimental study of particle concentrations in an underground magenta metro station of Paris"
107 Benamor C.M. et al., "An approach using lattice boltmann method to simulate fluid-structure interaction"
128 Aloufi M. et al., "Validation of turbulence models for simulation of turbulent flow of air around an obstacle square section"
130 Bouasfi C.M. et al., "Cfd-based entropy generation analysis of multi jets"
156 Leclaire S. et al., "A geometrical approach for simulating static contact angles in multiphase flows with a lattice boltmann method"
175 Tauzard-N. et al., "Anicle numerical study of heat transfer and flow characteristics of air jet in a semi-confined cavity"
188 Kamel Y. et al., "Effects of the diameter and blades orientation on the mixing tank efficiency"
204 Koss L. et al., "Numerical investigation and analysis of indoor air quality in a room based on impinging jet ventilation"

COMMISSIONS

Parallel Session "SSB" - Room Orbigny C02
Safety / reliability and durability
Chairman: F. Oueslati

12 Aouane A. et al., "Risk-eu method applied to the Algerian city of Arzew to assess exposure to earthquakes"
24 Latroch N. et al., "Composite materials containing different polymer levels: designing & estimating durability indicators"
36 Bajza Z. et al., "Experimental and computer modeling study of the diffusivity in cement-silica fume based materials"
68 Halfaya F.Z. et al., "Seismic scenarios of typical network supply"
77 Chakbi H. et al., "Chloride transport on partially saturated concrete media: the influence of the hydric state"
81 Djafar Henni I. et al., "Rehabilitation study of construction built in seismic area in Algeria"
105 Djellah F. et al., "Seismic fragility curves of unreinforced masonry structures"
116 Djema M.C. et al., "Seismic vulnerability index for bridges"
121 Lahdadi M.H. et al., "Combined effect of temperature and sulfate attack on the durability of repair mortar based on mixture of stone-aided sand"
124 Jouzi M. et al., "Effect of sand nature and rate of natural pozzolana on the durability of mortars"
135 Belyachi N. et al., "Impact of fiber treatment on the fire reaction and thermal degradation of building insulation stone composite"
157 Sebadj S.K. et al., "Fractal dimension of concrete mix gradation: a quantitative parameter for some concrete properties"
169 Tadjer K. et al., "Seismic vulnerability assessment of buildings"
9 Kaddour A. et al., "Influence of the cooling of building surfaces on the temperature of indoor air"

Poster Session (S5) Coffee break (Technoforum)
Keynote - Prof. Hristov J., "Time-space-fractional models of anomalous diffusion"
Chairman: M. Qin (Pôle Communication Multimédia & Réseaux)

Lunch (Technoforum)

Keynote - Prof. Charrier El-Bouhtoury F., "Durability of wood based materials"
Chairman: S. Gabsi (Pôle Communication Multimédia & Réseaux)

Discussions & Closing ceremony