

CUMIN: Campus of University with Mobility based on Innovation and carbon Neutrality

**International webinar, University of Lille**

<https://univ-lille-fr.zoom.us/j/93139457142?pwd=d3JQd21SaUZPQ1BsekIwM0Q2RGM5UT09>

(only the speakers of a session will be present at ESPRIT due to the sanitary rules while keeping a high quality of diffusion. Four different sessions of 1h have been organized in that aim)

**Preliminary program**

| <b>Morning</b> |   |
|----------------|---|
| 08:45          | Preparation and connection  |
| 09:00          | A. Bouscayrol (CUMIN, L2EP) Introduction on CUMIN   |
| 09:15          | A. Ndiaye et al. (L2EP/AMPERE/TVES) Battery and charging impact (EVE)                           |
| 09:30          | S. Amal, M. Hadj Said, R. German (MSc project) Battery and Life Cycle Assessment (EVE)          |
| 09:45          | L. Bazolana, A. Mbarki, A. Bouscayrol (MSc project) Regenerative braking of an e-Bus (EVE)      |
| 10:00          | Visit of eV Platform no.1   |
| 10:30          | E. Masclef et al. (TVES, Univ. Trois Rivières) Usage of two different campuses (SARA – eCAMPUS) |
| 10:45          | S. Elalami, S. Dia, P. Delarue (MSc) Regenerative braking of trams (REMUS)                      |
| 11:00          | R. O’Berriel et al. (L2EP/MEL) Regenerative braking of new subways (REMUS)                      |
| 11:15          | L. Ferreira, P. Delarue (MSc project) Reduced power TPS emulation (REMUS)                       |
| 11:30          | Visit of eV Platform no.2   |

| <b>Afternoon</b> |   |
|------------------|---|
| 13:45            | Preparation and connection  |
| 14:00            | E. Hittinger (RIT) Technical Economical models of campus (TESS)                                 |
| 14:15            | M. Medmoun, E.l. Sabir, E. Hittinger (MSc Project) Economic study of an EV (TESS)               |
| 14:30            | A. Desreux et al. (L2EP-CRISTAL) Impact of driving cycles on EV consumption (ADAM)              |
| 14:45            | T. Bosq, H. Gibirila Y, A. Desreux (MSc project) Impact of drivers on EV consumption (ADAM)     |
| 15:00            | Visit of eV Platform no.3   |
| 15:30            | F. Gasmi, A. Lazaregue, M. El Badaoui (MSc project) Positioning of autonomous vehicle (SAANA)   |
| 15:45            | D. Ramsey et al. (L2EP, Univ. Trois Rivières) Impact of climate on EV consumption (EVE-eCAMPUS) |
| 16:00            | A. Aroua et al. (L2EP, Univ. Ghent)) Scalability of electrified powertrains (STEVE)             |
| 16:15            | E. Aguirre et al. (L2EP) Nissan Leaf as reference vehicle (SARA)                                |
| 16:30            | Visit of eV Platform no.4   |

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