

CONGRÈS | 24^e

INFRA
2018

THE CHALLENGES OF URBAN ENGINEERING:
MULTIDISCIPLINARITY, SOCIAL ACCEPTABILITY
AND INNOVATION

CALL FOR SPEAKERS



QUEBEC CITY CONVENTION CENTRE

NOVEMBER 19-20-21, 2018

CALL FOR SPEAKERS

The 24th annual INFRA Congress, an initiative of the Centre for Expertise and Research on Infrastructures in Urban Areas (CERIU), will bring together over 1,500 engineers, urban planners, technologists, decision-makers, managers and researchers from various backgrounds.

Take advantage of this opportunity to share your know-how and your team's success stories by presenting projects and solutions that promote sound infrastructure management and sustainable urban development.

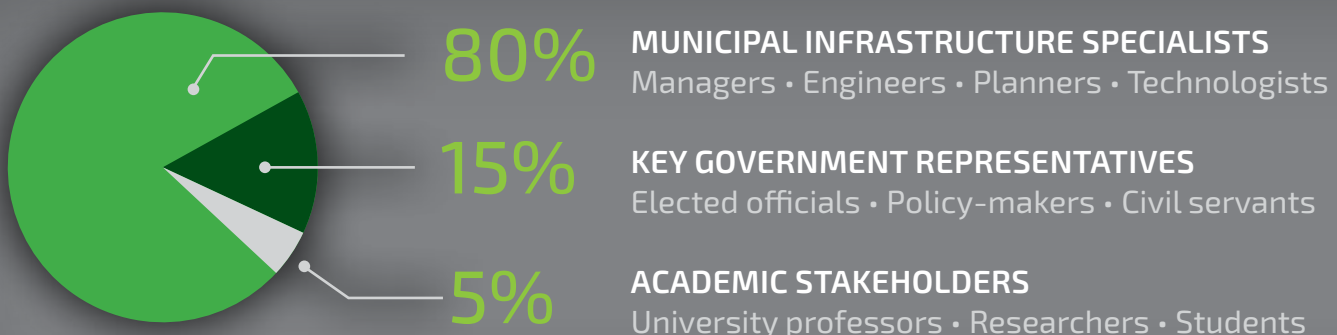
DEADLINE
Submit your proposals by

June 1st, 2018

CERIU

Committed to promoting the effective transfer of knowledge and applied research to foster the development of practices, techniques, standards and policies that support sustainable, cost-efficient asset management and hone the competitive edge of businesses operating in the municipal infrastructure sector.

WHO WILL ATTEND



THEME

In an increasingly urban world that's facing environmental changes and major economic problems, urban infrastructure and municipal asset management practices are running into new challenges in the areas of transportation and mobility, water management, energy production, energy efficiency, and site enhancement.

CERIU's 2018 INFRA Conference aims to provide a forum to brainstorm, exchange, share, and contribute practical solutions. This year's theme is the relatively recent concept of urban engineering, because it is defined as the art of designing, creating, and managing urban infrastructures, and because its purpose is to render services and, as such, is concerned with the users of the city.

The 2018 edition focuses on the three conditions for successful urban engineering: multidisciplinary, social acceptability, and innovation. In order to adapt to the increasing complexity of problems encountered, engineers need to join forces with other experts, be mindful of local realities and city dwellers impacted by their work, and propose new urban models that incorporate the contributions of all stakeholders.

The 24th annual INFRA Conference aims to present achievements that showcase urban engineering by proposing creative and ethical solutions that will benefit future generations and address environmental quality, mobility, network management, water management, energy management, and development of public spaces.

SELECTION COMMITTEES

Proposals will be carefully evaluated by Michèle St-Jacques, Eng., Chair of the INFRA 2018 Organizing Committee and Professor at the École de technologie supérieure, and Co-Chair Daniel Lessard, Eng., Director of the Engineering Department of Quebec City, as well as their fellow committee members:

| | | |
|---------------|--------------------------|--------------------------|
| Maéva | Ambros, jr. Eng. | CERIU |
| Louise | Babineau | Quebec City |
| Jean | Bélanger, Eng. | Polytechnique |
| Nathalie | Bleau | Ouranos |
| Serge | Boileau, Eng. | CSEM |
| Martin | Bouchard-Valentine, Eng. | MDDELCC |
| Jean | Carrier, Eng. | Montreal City |
| Marie-Michèle | Cauchy | BC2 |
| Steve | Côté | CERIU |
| Marie-Élaine | Desbiens, Eng. | MCM Intégration |
| Sophie | Duchesne, Eng. | INRS - ETE |
| Claude | Duplain | Énergir |
| Christian | Fallu | Ambassadeur CERIU |
| Richard | Frenette, Eng. | Brodeur Frenette |
| Manon | Gauthier, Eng. | Quebec City |
| Mélanie | Glorieux | Groupe Rousseau-Lefebvre |
| Normand | Hachey, Eng. | Montreal City |
| Nathalie | Jolicoeur, Eng. | Quebec City |
| Florian | Lafage, Eng. | Bitume Québec |
| Nathalie | Lasnier, Eng. | Tubecon |
| Catherine | Lavoie, Eng. | CERIU |
| Janick | Lemay, Eng. | Tetra Tech QI |

SELECTION COMMITTEES

| | | |
|-----------|----------------------------|--|
| Samuel | Lépine-Thériault, jr. Eng. | Association des constructeurs de routes et grands travaux du Québec (ACRGTO) |
| Marie | Lessard | École d'urbanisme et d'architecture de paysage, Université de Montréal |
| Henri | Madjar | Ambassadeur CERIU |
| Salamatou | Modieli Amadou, Eng. | CERIU |
| Nathalie | Moreau | Info-Excavation |
| Geneviève | Pelletier, Eng. | Université Laval |
| Nathalie | Periche, Eng. | Aqua Data |
| Anna | Polito, Eng. | City of Dollard-des-Ormeaux |
| Gilles | Rivard, Eng. | Lasalle NHC |
| Piero | Salvo, Eng. | Consultants Sans-tranchée GAME |
| Richard | Shearmur | Université McGill |
| Morgane | Sicilia | École de technologie supérieure |
| Lila | Touahria, Eng. | Montreal City |
| Caroline | Verreault, Eng. | MAMOT |

PROPOSAL FORM

SELECTION CRITERIA

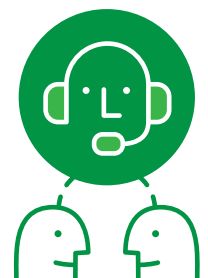
- Present a case study, experimental initiative or applied research project
- Showcase innovative efforts and elaborate on their impact at the municipal level (as applicable)
- Include quantifiable, measurable data to support your findings
- Demonstrate that you took a multifaceted approach (if appropriate)
- Give CERIU permission to redistribute your presentation
- Follow the application procedures
- **Heed the submission deadline** **June 1st, 2018**

SUBMISSION

- Fill out this proposal form and send it back to kareen.hall@ceriu.qc.ca
- Projects carried out in a municipal setting should, whenever possible, be presented in conjunction with a representative of the municipality
- Applied research projects must be co-presented by students and their academic supervisors
- Allow 20 minutes for your presentation followed by a 5-minute Q&A

SIMULTANEOUS INTERPRETATION

Professional simultaneous interpretation services (English/French) will be provided in one conference room during the three days in order to facilitate the participation of representatives from outside Quebec. The conference room where these services will be offered cannot be confirmed until the final INFRA 2018 program is published in August.



SPEAKERS

SPEAKER 1

LAST NAME

FIRST NAME

TITLE

PROFESSIONAL BIOGRAPHY

(max. 150 words or 20 lines)

ORGANIZATION

ADDRESS (Street number & name)

CITY

PROVINCE

COUNTRY

PHONE

MOBILE

EMAIL

SPEAKER 2

LAST NAME

FIRST NAME

TITLE

PROFESSIONAL BIOGRAPHY

(max. 150 words or 20 lines)

ORGANIZATION

ADDRESS (Street number & name)

CITY

PROVINCE

COUNTRY

PHONE

MOBILE

EMAIL

I hereby allow CERIU, unconditionally and without restriction, to record my presentation at INFRA 2018 in MP4 or video format. I agree to let CERIU reproduce this recording, in whole or part, for non-commercial use in line with its mission.

I authorize CERIU to use the photos of me taken during INFRA 2018 Congress for non-commercial purposes.

PRESENTATION

TITLE (max. 5 words)

TYPE

CASE STUDY

EXPERIMENTAL INITIATIVE

APPLIED RESEARCH PROJECT

OTHER

If this presentation involves a municipal project, I confirm that a representative of the municipality will be one of the speakers.

If this presentation involves an academic research project, I confirm that the academic supervisor will be one of the speakers.



SUMMARY (max. 300 words or 40 lines)

PRESENTATION THEMES

GENERAL THEME

MUNICIPAL AND TRANSPORTATION
INFRASTRUCTURE

ASSET MANAGEMENT

RISK MANAGEMENT

WATER, WASTEWATER AND
STORMWATER MANAGEMENT

SURFACE INFRASTRUCTURE

UNDERGROUND INFRASTRUCTURE

ENGINEERING STRUCTURES

URBAN PUBLIC UTILITIES

SPECIFIC FOCUSES

LIFE CYCLE ANALYSIS

INSPECTION

PROJECT COSTS AND FUNDING

GREEN INFRASTRUCTURE

INTEGRATION OF URBAN
TRANSPORTATION SYSTEMS

MATERIALS

MAINTENANCE METHODS
AND PROCEDURES

PLANNING, INTEGRATED DESIGN
AND CIVIC ENGAGEMENT

REHABILITATION

KEY NETWORKS AND URBAN
DEVELOPMENTS

DECISION-MAKING STRATEGIES
AND SYSTEMS

WORK SUPERVISION AND QUALITY
ASSURANCE

TECHNOLOGY AND EQUIPMENT

VULNERABILITY AND ADAPTATION
OF INFRASTRUCTURE TO CLIMATE CHANGE

Official confirmation from the selection committee will be sent in August. **Only those whose proposals are selected will be contacted by email.**