

7th International CCS & ISO 15118 Testing Symposium

*Interoperability & Conformance Testing Event
for the Combined Charging System*

INVITATION



November 16th – 17th 2017

Mississauga (Ontario), Canada

Please visit the event website for further information & news

www.testing-symposium.net

The 7th International CCS & ISO 15118 Testing Symposium is hosted by:



Organized by:



Communication
Networks Institute



Supported by:





Invitation to the 7th International CCS & ISO 15118 Testing Symposium

**Interoperability & Conformance Testing Event
for the Combined Charging System**

November 16th – 17th, 2017 @ CSA, Mississauga (Ontario), Canada

Fellow PEV Charging Technology Community Members,

We are very pleased to announce our next testing event co-located with the ISO/IEC 15118 JWG1 meeting in Mississauga (Ontario), Canada on November 16-17, 2017.

The organizing committee of the ISO/IEC 15118 JWG therefore invites companies working in this area to participate in this PEV charging communication protocol testing symposium. The 7th Testing Symposium will be hosted by the CSA Group. The focus of the event is on testing PEV and charging infrastructure communication protocol conformance as well as interoperability.

Members of the PEV charging communication community are encouraged to participate in this testing event to strengthen cross-vendor interoperability between EVs and supply equipment.

The Testing Symposium will take place:

When:

16-17th November 2017

Where:

**CSA Group:
5060 Spectrum Way,
Mississauga, Ontario
L4W 5N6
Canada**
(GPS: N 43° 38' 54" W 79° 36' 34.106")

Hosted by:



As part of this event we provide testing opportunities for **ISO/IEC 15118-2/-3**, **SAE J2847/2**, **SAE J2931/1**, **SAE J2931/4**, and **DIN 70121** compliant:

- **Electric Vehicle Communication Controllers (EVCC) (w/o power flow)**
- **Supply Equipment Communication Controllers (SECC) (w/o power flow)**
- **Test Systems (w/o power flow)**

Round Robin testing between Testing Symposium participants will be conducted among suitable EVCC, SECC and test system pairings.

The November 16-17th testing event at CSA Group is expected to provide valuable feedback for all participants in the PEV charging communications community in support of developing ECUs as well as refining test cases, test procedures and test apparatus/software.

Please join us at this event at CSA Group and submit your application form in time.



APPLICATION INFORMATION:

Please apply for this event through our website:

www.testing-symposium.net

Registration is embedded in the “**Information**” section of the website and password-protected:

Username: TS-Participant

Password: CCS-Testing-Mississauga

!! Registration closes on Monday 16th of October 2017 (EOD, CET) !!

For registration, please use your real name and email address. A verification mail will be sent to your email account providing access to the electronic Testing Symposium application form. You will be guided through a list of questions on your participation / test equipment (e.g. number of participants, technical scope and capabilities of your test equipment, etc.). Please follow the instructions provided and submit the completed online form in order to finalize your application. You can also save an intermediate version of the application and complete it later by clicking on the "resume later" button.

After submission of the application form, you *cannot* update it anymore. In case you need to update an already submitted application, please re-submit a new application form by accessing the link from the registration confirmation email again. In this case, please provide a comment at the end of the questionnaire that your previous application is obsolete.

If you plan to bring multiple *types* of equipment or in case your test system supports *multiple* systems under test (SUT), e.g. EVCC / SECC, please submit **one application form (survey) for each equipment or supported type of SUT** by accessing the link from the registration confirmation email again.

After ~~9th October 2017~~ **16th of October** no more changes and submissions can be made. The application form for this event also offers participants the opportunity to give feedback and tune the event to the capabilities of each participant's communication controller. For your convenience, you can print or save all your answers as PDF after submission of the application form.

The available space for testing is limited.

The organizing committee of the Testing Symposium therefore reserves the right to cancel completed applications for observers until ~~15th of May 2017~~ **20th of October 2017.**

Please consider this when planning your travel.

All information in the survey is collected for organizational purposes only, in order to find suitable test couples and to define a round robin test schedule at the testing event.

All participants are requested to sign a Confidentiality Agreement as part of the Sign-In procedure that will be provided before the Testing Symposium.

We plan to organize an organizational conference call *after* registration (~end of ~~May~~ **October**) to clarify open questions / issues between registered participants.

We will invite to the conference calls through dedicated calendar invitations based on registration Email addresses.

TECHNICAL INFORMATION:

Technical requirements for communication controller (ECU) tests:

- Control Pilot (CP) and Proximity (PP) circuit according to IEC61851-1 shall be provided.
- The expected physical connection for CP, GND and optionally PP is:
 - 4mm female banana plugs for EVCC
 - 4mm male banana plugs for SECC
- Supply voltage is 110V at 60Hz with (Type A/B) sockets/plugs.
See also <https://www.power-plugs-sockets.com/canada/>

Previous testing events have shown that it is favorable if every company participates with at least one engineer who can change/flash their communication controller on-site.

In case of any questions on technical or organizational issues, etc. please do not hesitate to contact us.

CONTACT INFORMATION:

Organization	Host
Jens SCHMUTZLER Communication Networks Institute TU Dortmund University Phone: + 49 (0) 231 755-3781 E-Mail: jens.schmutzler@tu-dortmund.de	Peter GLOWACKI Alternative Energy Vehicles CSA Group Phone: 416 747 2602 Email: peter.glowacki@csagroup.org
Sven GRÖNING Communication Networks Institute TU Dortmund University Phone: + 49 (0) 231 755-5703 E-Mail: sven.groening@tu-dortmund.de	

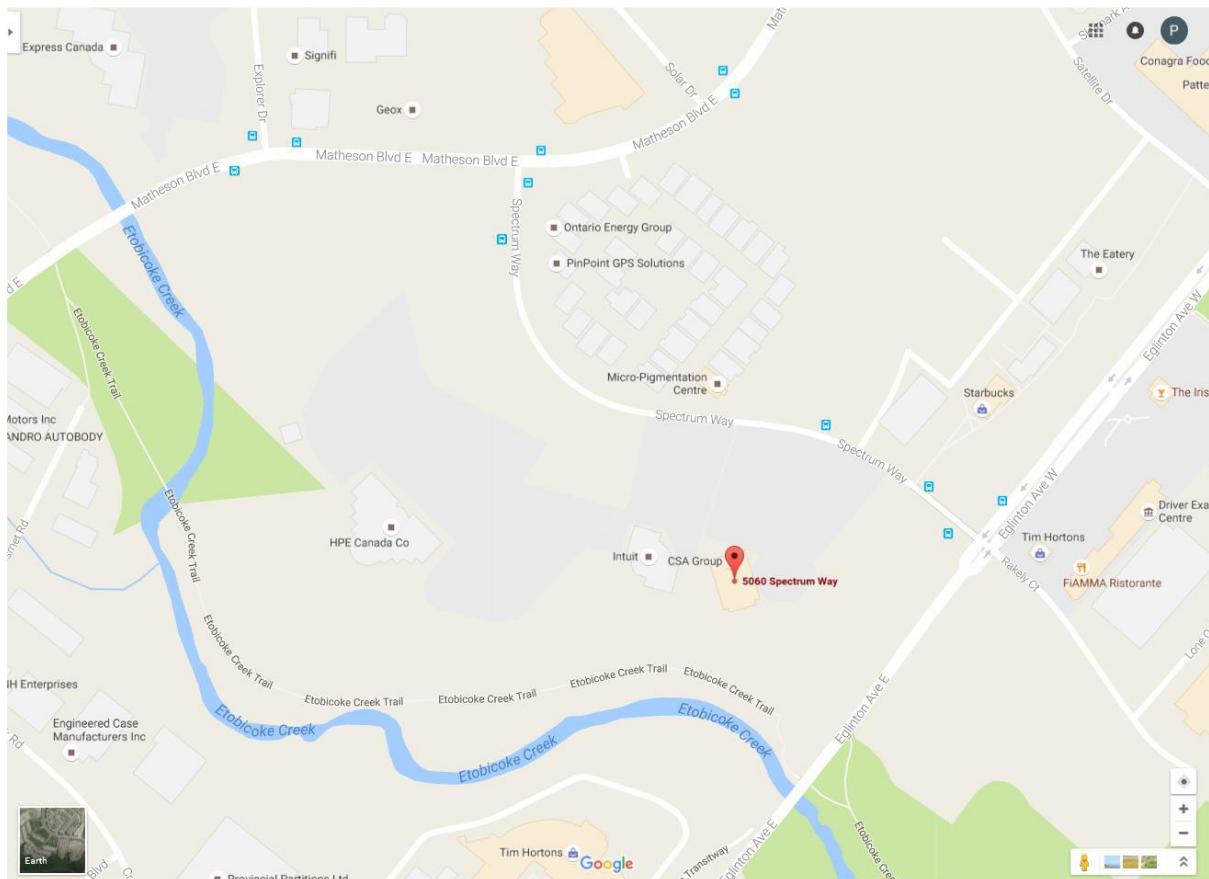
TRAVEL DIRECTIONS & LOGISTICS:

The venue address for the test symposium is:

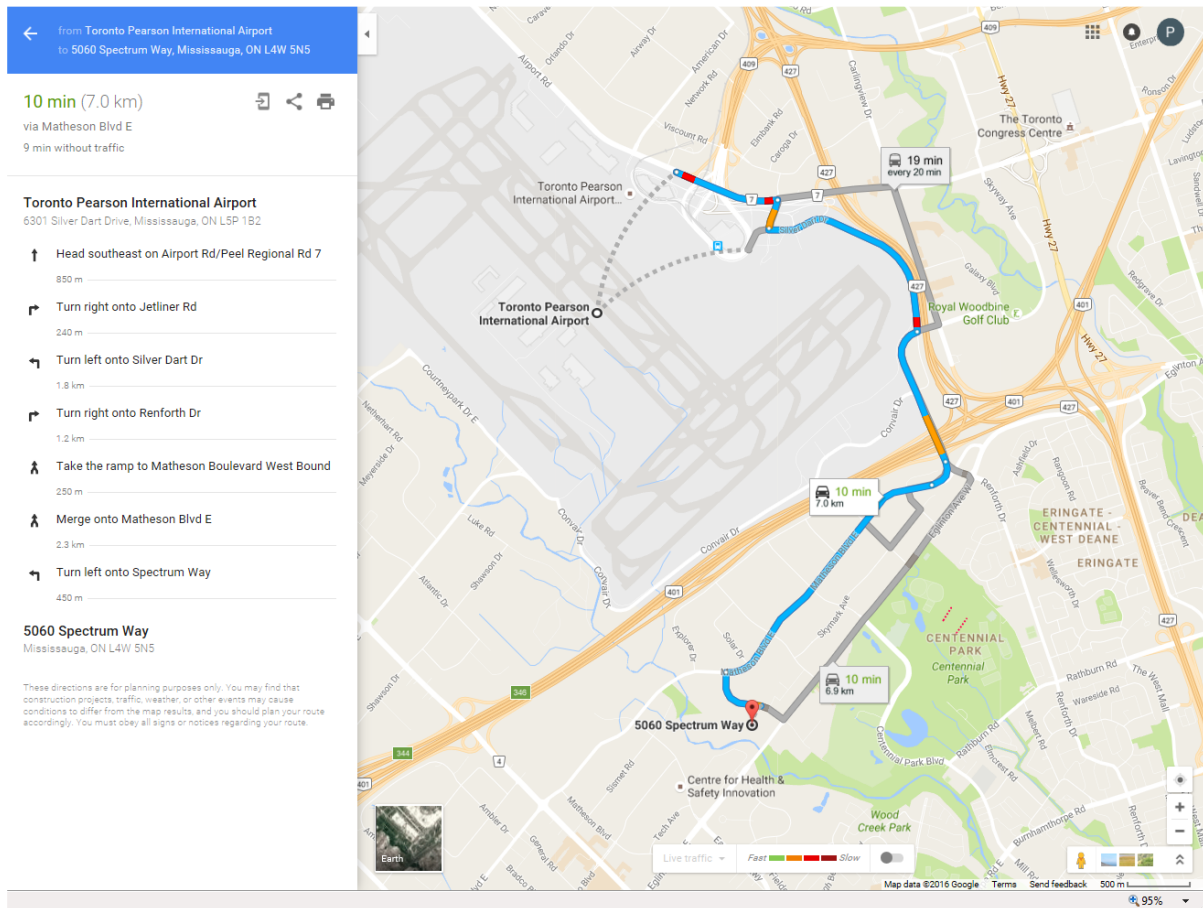
CSA Group
5060 Spectrum Way
Mississauga, Ontario
L4W 5N6

(GPS: N 43° 38' 54" W 79° 36' 34.106")

Close-up of CSA Group Office @ 5060 Spectrum Way, Mississauga, Ontario



Map of CSA relative to Toronto Pearson International Airport:



▣ By Public Transport

The venue can be reached by public transportation. The following links may be helpful to find the right connections from your hotel / the airport:

Mississauga:

<http://www.mississauga.ca/portal/miway>

Toronto:

<http://www.ttc.ca/>

Via Google:

<https://www.google.com/maps/dir/43.6483333,-79.6094722/@43.6483333,-79.6116609,17z/data=!4m8!1m7!3m6!1s0x0:0x0:2zNDPCsDM4JzU0LjAiTiA3OcKwMzYnMzQuMSJX!3b1!8m2!3d43.6483333!4d-79.6094739>

REGISTRATION:

All participants must sign-in at the reception desk, where participants pass by to get to the conference rooms.



Hotel Recommendations:

(You may mention that you are a visitor with CSA Group for special rates)

- Marriott - Courtyard Airport West Marriott
5050 Creekbank Road
Mississauga, Ontario
L4W 5R2
Canada
Phone 625-3555
Single Occupancy Rate: 150CAD
- Hilton Hampton Inn Toronto Airport Corporate Center
5515 Eglinton Ave W
Mississauga, Ontario
M9C 5K5
Canada
Phone 646-3000
Single Occupancy Rate: 159CAD
- Hilton – Homewood Suites Toronto Airport Corporate Center Center
5515 Eglinton Ave W
Mississauga, Ontario
M9C 5K5
Canada
Phone 646-4600
Single Occupancy Rate: 169CAD