La session du matin aura lieu dans le Grand Salon. La foire de l'emploi aura lieu dans l'Atrium Jean-Guy Paquet.
The morning session will take place in the Grand Salon. The job fair will take place in the Atrium Jean-Guy Paquet.

10h30 – 10h45 Inscription / Registration (Grand Salon : 2e étage / 2nd floor)

10h45 – 10h55 Mot de bienvenue / Welcoming of participants (Grand Salon)
Denis Laurendeau (Directeur de REPARTI / REPARTI Director)

11h00 – 11h55 Présentation invitée / Invited Talk
The Role of Symmetry in Computer and Human Vision (Grand Salon)
Sven Dickinson
Department of Computer Science
University of Toronto
http://www.cs.toronto.edu/~sven/index.html

Résumé / Abstract: Symmetry is one of the most ubiquitous regularities in our natural world. For almost 100 years, human vision researchers have studied how the human vision system has evolved to exploit this powerful regularity as a basis for grouping image features and, for almost 50 years, as a basis for how the human vision system might encode the shape of an object. While computer vision is a much younger discipline, the trajectory is similar, with symmetry playing a major role in both perceptual grouping and object representation. After briefly reviewing some of the milestones in symmetry-based perceptual grouping and object representation/recognition in both human and computer vision, I will articulate some of the research challenges. I will then briefly describe some of our recent efforts to address these challenges, including the detection and grouping of locally symmetric parts in complex imagery and understanding the role of symmetry in human scene perception.

12h00 – 13h30 Repas de midi / Lunch : restaurant Le Cercle (4e étage / 4th floor)

13h30 – 16h30 Foire de l’emploi / Job Fair
Atrium Jean-Guy Paquet
Kiosque/Booth

6 LeddarTech: http://leddartech.com
7 SimActive: http://www.simactive.com
8 Element AI: https://www.elementai.com
9 Pleora Technologies: http://www.pleora.com
10 Centre de production automatisée: http://www.solutioncpa.com
11 NovaSyst: http://novasyst.com
12 36pix: http://www.36pix.com
13 LynX Inspection: http://www.lynxinspection.com
14 UMANX: http://www.umanx.com
16 Olympus NDT: http://www.olympus-ims.com
17 CIMMI: https://cimmi.ca
18 TandemLaunch: http://www.tandemlaunch.com
19 SPORTLOGiQ: http://sportlogiq.com
20 Thales Canada: https://www.thalesgroup.com
21 InnovMetric: https://www.innovmetric.com/fr
23 Corstem: http://corstem.ai
24 Pavemetrics: http://www.pavemetrics.com
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