

COLLOQUE REPARTI WORKSHOP 2017

Regroupement stratégique pour l'étude des environnements partagés intelligents répartis



Pavillon Alphonse-Desjardins Building
2325, rue de l'Université
Université Laval
Québec, Québec, G1V 0A6

15 juin 2017 – June 15, 2017

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 : 2^e 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 (4^e étage / 4th floor)**
- 13h30 – 16h30** **Foire de l'emploi / Job Fair**
 Atrium Jean-Guy Paquet

Foire de l'emploi / Job Fair
15 juin 2017
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](http://www lynxinspection.com)
- 14 **UMANX:** <http://www.umanx.com>
- 15 **Beenox:** <http://beenox.com/en/>
- 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>
- 22 **Matrox:** <http://www.matrox.com/en/>
- 23 **Corstem:** <http://corstem.ai>
- 24 **Pavemetrics:** <http://www.pavemetrics.com>
- 25 **Robotiq:** <http://robotiq.com>
- 26 **Kinova:** <http://www.kinovarobotics.com>
- 27 **Arcbees:** <http://www.arcbees.com>
- 28 **Creaform:** <https://www.creaform3d.com/en>
- 29 **CAE:** <http://www.cae.com>
- 30 **Telops:** <http://telops.com>