

CNRC-NRC

*Institut de
technologie
de l'information*

LCT Groupe de recherche

Technologies d'apprentissage et de collaboration | 2013.02.04



Conseil national
de recherches Canada

National Research
Council Canada

Canada

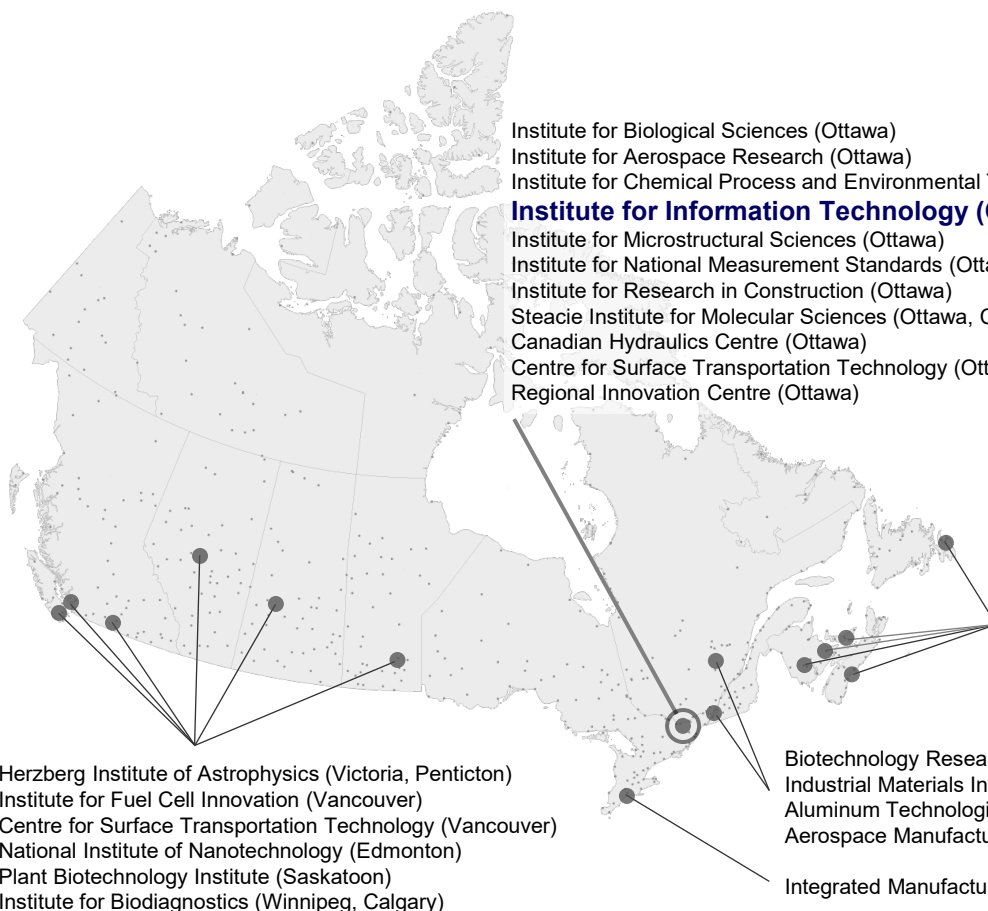
Le CNRC

une présence pancanadienne

<http://www.nrc-cnrc.gc.ca>

auparavant partie du CNRC

- Atomic Energy Canada
- Canadian Space Agency
- Communications Security Establishment
- Defense Research Board
- Canadian Institutes of Health Research
- Natural Sciences and Engineering Research Council



+ IRAP et CISTI dans divers
endroits à travers le Canada

Institute for Information Technology (F, M)

- Institute for Marine Biosciences (Halifax)
- Institute for Biodiagnostics (Halifax)
- Institute for Marine Dynamics (St. John's)
- Institute for Nutrisciences and Health (Charlottetown)

IIT – 3 locations

Technologies d'apprentissage et de collaboration

Connaissances et données
Systèmes orientés vers les
personnes
E-business

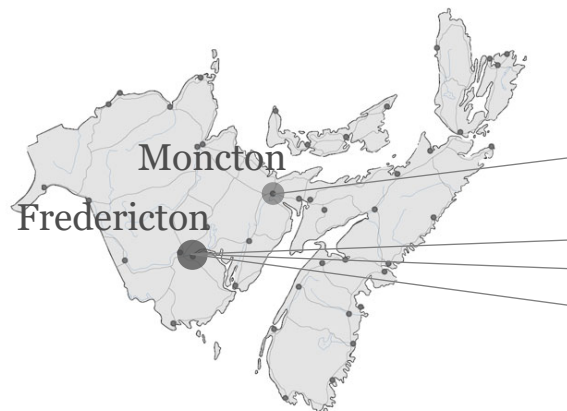
themes include: knowledge discovery, visual processing, pervasive computing, software systems development, security and privacy, broadband communication, grid computing, collaborative computing

IIT Ottawa

3D Imaging, Modeling and Visualization
Data and Text Mining
Human-Computer Interaction
Intelligent Internet Applications
Natural Language Processing



IIT
(Nouveau-Brunswick)

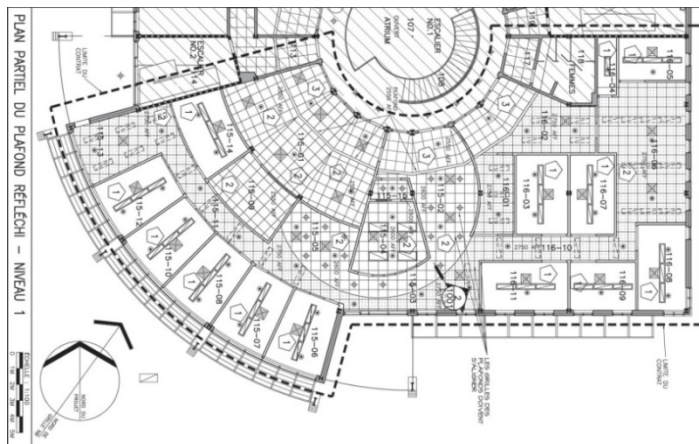


LCT, KD
DG, PM, BDO,
HR, Fi ...

LCT Recherche

Technologies d'apprentissage et de
collaboration

- Moncton
 - U de Moncton campus
- 10 + staff
 - 2 Ottawa
 - 2 Fredericton
 - 6 + Moncton



several projects

a sampling within the L&CT RG

- SynergiC3
 - e-Learning productivity enhancement framework (content production)
 - Front end to an LCMS
- CMSF – Cognitive Modeling Simulation Framework
 - One focus: building intelligent agents into game-based training
- PLE – Personal Learning Environments
 - Bridging the “informal” with the “formal” sides of learning
- DND’s IRET (Immersive Reflexive Engagement Trainer)
 - ILT for CTS: Simulation based training of troops
- MDXtract – Automated MD extraction for legacy assets
 - To help discover legacy assets (i.e. non-described assets)

d'autres initiatives

through the years

- OLDaily
- CCL (Canadian Council on Learning)
- PATS (Projects and Activities Tracking System)
- VELtic (<http://www.veltic.ca>, U of Ottawa, SSHRC)
- Créatic (<http://www.creatic.ca>, U de M)
- Learning Networks (merged with PLE)
 - Edu_RSS, DLORN, RSS_LOM, LO-XSLT, DDRM, gRSShopper
- Immersive 3D learning environments (NBCC Bathurst, U de M)
- Blogs in Schools (with U de M, C@HM)
- LCeL (Learner Centric e-Learning, Innovatia AIF)
- ÉDUCAM (Éducation par apprentissage mobile, CFORP | SAMFO)
- ADOP (Accès direct à un ordinateur portatif, “NBED laptops”)
- eduSource (pan Canadian)

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La
Science
— à l'œuvre pour le —
Canada



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why LCT?

an example: learning conditions in rural regions as compared to those in urban regions

■ CCL's Composite Learning Index (2008)

- Canadian Council on Learning: “*The Composite Learning Index (CLI) ... provides an annual measure of Canada’s performance in a number of areas related to lifelong learning*” (<http://www.ccl-cca.ca/ccl/reports/cli>).

