



Sheridan

Screen Industries Research and Training Centre



SERVICES OFFERED IN:
English



ADDRESS:
SIRT, Pinewood Toronto Studios
225 Commissioners St.
Suite 200b /Stage 10
Toronto, ON M4M 0A1



WEBSITE:
<http://www.sirtcentre.com>



POINT OF CONTACT:
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SIRT established at Pinewood Toronto Studios, supports technology and content production innovation within Ontario's screen industries including film, television, gaming, interactive media and virtual reality. With partnerships and support from Ontario's screen industries, SIRT is Canada's leading innovation and technology support centre for the screen industries.

AREAS OF INNOVATION EXPERTISE

- Digital Cinema – Stereoscopic 3D, High Frame Rate (HFR), High Dynamic Range (HDR), 4k/8k program for the industry
- Virtual Production – Virtual Reality, Motion Capture, Camera Tracking
- Industry Training – fully equipped training centre and Remote and Real-time Collaboration and shared services
- Software Integration within emphasis on industry solution
- Virtual Reality/Augmented Reality Innovation Lab



TECHNICAL AND BUSINESS SERVICES

- Business development & market research services
- Commercialization referrals
- Competitive assessments
- Competitive market analysis
- Concept ideation & design review
- Consumer focus groups
- Design Services
- Digital Media & Web Solutions
- Field trials/Simulation
- Literature reviews
- Problem solving
- Product testing
- Project management
- Proof of concept
- Sample analysis & testing
- Technology & workflow consultation
- Technology development
- Technology evaluation / validation
- Testing Services
- Web-based and mobile application mapping



APPLIED RESEARCH AND DEVELOPMENT

- Concept validation
- Content Creation – Proof of Concept/Prototypes
- Process optimization
- Product Design & Development
- Product Re-design & Improvement
- Provincial and federal grant proposal development
- Technology validation and transfer



TRAINING

- Building envelope modelling training
- Connections to co-op placement opportunities
- Corporate on-site & in-house training
- Curriculum development
- Design, development, and delivery of customized training
- Interactive Workshop Sessions
- Needs assessment and gap analysis
- Qualitative & quantitative research
- Skills assessment/Competency evaluation
- Training planning
- Train the trainer



TECHNOLOGY DIFFUSION

- Customized technology demonstrations
- Evening speaker series
- Industry-specific events & symposia
- Networking events
- Open houses - Testing facility & personnel
- Participation at trade shows & other venues with or on behalf of partners
- Presentation of results at conferences
- Publishing in Peer Reviewed Literature
- Rental of space & equipment
- Seminars and Workshops



INVENTORY OF SPECIALIZED EQUIPMENT

- 2D and 3D digital cinema cameras; ARRI Alexa, Sony F65
- 4K projection/3D/HFR projection capabilities
- A full suite of motion capture, virtual camera and camera tracking technology; Vicon, OptiTrak, SolidTrack, General Lift Encodacam, Ultimatte, Sony / ARRI professional cameras
- Dedicated and secure high-speed fibre optic connectivity to offsite storage and render
- Dedicated Virtual Reality footprint with Oculus Rift, HTC Vive, Gear VR and related software applications
- DVS Clipster
- On-site workstation-based teaching facility with a range of available software
- World-Class Facility (10,000 sq. ft. sound stage at Pinewood Toronto Studios) with Global Accessibility.



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