



Ontario Centres of
Excellence

Where Next Happens

SMART COMPUTING R&D CHALLENGE PROGRAM OVERVIEW

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Ontario Centres of Excellence is a member of



OUTLINE



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Where Next Happens

- Smart Computing R&D Challenge Program Overview
- Stakeholder Benefits
- Examples of past VIA initiatives

SMART COMPUTING R&D CHALLENGE OBJECTIVES



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Where Next Happens

The Smart Computing R&D Challenge aims to:

- Generate creative collaborations among SOSCIP consortium member academic institutions and industry
- Facilitate new opportunities for researchers and industry to access high performance Blue Gene/Q, Cloud, Agile, and Large Memory System computing environments
- Address industry challenges across a broad range of strategic sectors
- Create new products and/or services that can be commercialized in Ontario and applied both domestically and around the globe

INDUSTRY BENEFITS



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Where Next Happens

- Access new talent and established academic researchers
- Identify marketable solutions to current industry challenges
- Gain affordable short-term skilled labour
- Increased productivity
- Gain exposure for company and brand

ACADEMIA & STUDENT BENEFITS



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Where Next Happens

Students:

- Gain real-world experience
- Connect with established companies
- Use knowledge and fresh ideas to solve industry and sector-wide problems

Academia:

- Access exciting research challenges with sector-wide benefits
- Establish relationship with industry

VOUCHER FOR INDUSTRY ASSOCIATION (VIA)- PREVIOUS



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Where Next Happens

Year	Initiative	Program Partners
2012/13	Mining R&D Challenge	Centre for Excellence in Mining Innovation (CEMI), NSERC, OCE
2013/14	Aerospace R&D Challenge	Ontario Aerospace Council (OAC), NSERC, OCE
2013/14	“Made in Ontario” R&D Challenge	Canadian Manufacturers and Exporters (CME), NSERC, OCE

VOUCHER FOR INDUSTRY ASSOCIATION (VIA)- PREVIOUS



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Year	Initiative	Program Partners
2015/16	Smart Computing R&D Challenge Round 1	SOSCIP, NSERC, OCE
2015/16	Aerospace R&D Challenge	Ontario Aerospace Council (OAC), CARIC, NSERC, OCE
2015/16	Agri-Based Industrial Bioproducts (ABIB) R&D Challenge	Agriculture Adaptation Council, NSERC, OCE

SMART COMPUTING R&D CHALLENGE



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Where Next Happens

- Collaborative Research and Development Program developed by:
 - > Ontario Centres of Excellence (OCE)
 - > Southern Ontario Smart Computing Innovation Platform (SOSCIP)
 - > Natural Sciences and Engineering Research Council of Canada (NSERC)
- It supports collaborative projects between Ontario companies and academic research partners in various sectors to leverage SOSCIP platform and expertise
- **\$7.5 million program, supporting awards for ~15 projects for up to two years**



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Where Next Happens

THANK YOU

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