IDEaS Marketplace 2023

Friday June 02, 2023

09:00 - 09:15 | Innovator Exhibition Space Opens

09:15 - 09:25 | Welcome and Housekeeping

Speaker Mr. Philippe Hébert, Director General R&D Innovation (DGRDI)
Department of National Defence
Philippe Hébert, Director General, R&D Innovation, Defence Research and Development Canada (DRDC)

09:25 - 09:35 | Opening Remarks

Speaker Dr. Jaspinder Komal, Assistant Deputy Minister
Department of National Defence
Dr. Jaspinder Komal, Assistant Deputy Minister, DRDC

IDEaS Marketplace 2023 (cont.) *Friday June 02, 2023*

09:40 - 10:40

Innovator Presentations Session 1, Breakout Rooms 1-4 Running Concurrently

BREAKOUT ROOM 1, Theme 1: Cyber, Big Data and Support for Military Personnel
- Challenge 7 (CFP2): Understanding cyber intent
- Challenge 7 (CFP3): Staying four steps ahead - Understanding and predicting
- the behaviour of adversaries
- Challenge 5 (CFP2): Verification of full motion video integrity

BREAKOUT ROOM 2, Theme 2: Sensing, Detection and Optimizing Field Operations
- Challenge 12 (CFP3): All systems go! Predicting and optimizing maintenance for military platforms
- Challenge 4 (CFP3): Power up! Portable power for soldiers on the move
- Challenge 2 (CFP2): Respiratory protection for DND/CAF members with facial hair

BREAKOUT ROOM 3, Theme 3: Innovation Networks – Autonomous Systems and Advanced Materials
- Innovation Networks: Autonomous systems for defence & security

BREAKOUT ROOM 4, Theme 4: Covid-19 and Innovations for Combat in the Arctic
- COVID-19: Scrubbing your scrubs
- COVID-19: Super Sanitize: Cleaning sensitive equipment and workspaces
- COVID-19: Special projects

10:40 - 11:00

BREAK

11:00 - 11:20

Keynote Address

Speaker REAR-ADMIRAL J.B. ZWICK, Chief of Combat Systems Integration
Department of National Defence

Rear-Admiral J.B. Zwick, OMM, CD, Chief of Combat Systems Integration

IDEaS Marketplace 2023 (cont.) *Friday June 02, 2023*

11:20 - 12:00	Session 2: Innovator presentations – Breakout rooms 1-4 running concurrently BREAKOUT ROOM 1, Theme 1: Cyber, big data and support for military personnel •Challenge 6 (CFP3): Casting a wide net: Creating secure mobile networks while on the move •Challenge 8 (CFP2): Detecting and responding to hostile information activities BREAKOUT ROOM 2, Theme 2: Sensing, Detection and Optimizing Field Operations •Challenge 15 (CFP3): Spring into action - Fast and adaptive logistics planning for military •Challenge 14 (CFP3): Quantum leap: Shrinking sensing technologies for field operations •Challenge 2 (CFP3): Collision course – tracking and de-orbiting space debris BREAKOUT ROOM 3, Theme 3: Innovation Networks – Autonomous systems and Advanced materials •Innovation Networks: Autonomous systems for defence & security BREAKOUT ROOM 4, Theme 4: COVID-19 and Innovations for combat in the Arctic •COVID-19: Rapid Response – Real-time Insights for pandemic decision-making
12:00 - 13:00	LUNCH

13:00 - 14:10

Session 3: Innovator presentations – Breakout rooms 1-4 running concurrently

BREAKOUT ROOM 1, Theme 1: Cyber, big data and support for military personnel
- Challenge 9 (CFP3): Remaining vigilant: Identifying cyber dependencies, vulnerabilities and threats
- Challenge 13 (CFP3): Spot the hack: Intrusion detection systems
- for avionics networks and bus technologies
- Challenge 3 (CFP2): An integrated human resources data management solution

BREAKOUT ROOM 2, Theme 2: Sensing, Detection and Optimizing Field Operations
- Challenge 3 (CFP3): Now you see me, now you don't! Reducing visual and infrared detection of
- soldiers and their vehicles
- Challenge 1 (CFP2): Detection of concealed explosives
- Challenge 5 (CFP3): Shields up! Defend and protect satellites from natural and artificial threats

BREAKOUT ROOM 3, Theme 3: Innovation Networks – Autonomous systems and Advanced materials
- Innovation Networks: Advanced materials for defence & security
- Innovation Networks: Advanced materials for defence & security

BREAKOUT ROOM 4, Theme 4: COVID-19 and Innovations for combat in the Arctic
- COVID-19: Moral trauma on the front lines – See, prevent and treat
- Challenge 9 (CFP2): Full spectrum communications in the Arctic
- Challenge 1 (CFP3): Breaking the ice – Ground solutions for removing
- frozen contaminants from aircraft missions
- Challenge 8 (CFP3): A cold wind blows: Seeking smaller, ruggedized wind turbines for the Arctic

IDEaS Marketplace 2023 (cont.)

Friday June 02, 2023

14:30 - 15:40 | Session 4: Innovator presentations – Breakout rooms 1-4 running concurrently

BREAKOUT ROOM 1, Theme 1: Cyber, big data and support for military personnel
- Challenge 11 (CFP3): Beyond the Classroom: Innovative language learning and retention

BREAKOUT ROOM 2, Theme 2: Sensing, Detection and Optimizing Field Operations
- Challenge 6 (CFP2): Persistent maritime surface sensor system

BREAKOUT ROOM 3, Theme 3: Innovation Networks – Autonomous systems and Advanced materials
- Innovation Networks: Advanced materials for defence & security

BREAKOUT ROOM 4, Theme 4: COVID-19 and Innovations for combat in the Arctic
Closed!

15:40 - 15:50 | Closing Remarks

Speaker Mr. Philippe Hébert, Director General R&D Innovation (DGRDI)
Department of National Defence

15:50 - 16:00 | Innovator Exhibition Space Closes

IDEaS Marketplace 2023

Friday May 31, 2024

09:00 - 16:00 | Innovator Exhibition Space Opens

IDEaS MARKETPLACE