Montreal Child CDSS Congress (M3C)

MAY 16 – CHU Sainte-Justine

7h00-8h30 **Welcome coffee and networking**

8h30-8h45 **Opening session and welcome address**
- **Dr Philippe Jouvet**, Pediatric Intensive Care Unit, CHU Sainte-Justine

8h45-9h45 **DESIGNING AND PROTECTING AI-READY DATA AND INFRASTRUCTURE**

Leveraging NICU-PICU data for Artificial Intelligence deployment in the Dutch National NICU-PICU warehouse
- **Dr Erik Koomen,** Wilhelmina Children's Hospital (part of UMC Utrecht)

Presentation title *"to come"*
- **Student** , Institution

Presentation title *"to come"*
- **Student**, Institution

9h45-10h15 **Discussion Panel**

10h15-10h45 **Coffee break**

10h45-11h45 **AI METHODS ADAPTED FOR CDSS DEDICATED TO CRITICALLY ILL CHILDREN**

Incorporating social determinants of health to characterize latent factors driving poor outcomes in critically ill children
- **Dr Jocelyn Grunwell**, Emory University/Children's Healthcare of Atlanta

Presentation title *"to come"*
- **Student** , Institution

Presentation title *"to come"*
- **Student**, Institution

11h45-12h15 **Panel discussion**

12h15-13h45 **Lunch break**

13h45-14h30 **HOW CAN WE SHARE DATA, CHALLENGES AND PITFALLS**

International data collaborative. Experience from the European KidsBrainIT initiative
- **Dr Tsz-Yan Milly Lo**, Consultant Paediatric Intensivist and Research Lead, University of Edinburgh

Challenges and pittfalls sharing data internationally
- **Dr Michael Sauthier,** Pediatric Intensive Care Unit, CHU Sainte-Justine

14h30-15h30 **AI AND OPTIMIZATION OF ACUTE CARE ORGANIZATION**

Optimization of hospital organization using digitalized data
- **Louis Martin Rousseau**, Polytechnique Montreal

Presentation title *"to come"*
- **Student** , Institution

Presentation title *"to come"*
- **Student**, Institution

15h30-16h00 **Discussion panel**

16h00-16h30 **Coffee break (Vote, audience award)**

16h30-17h30 **'FLASH COM' SESSION**

17h30-17h45 **Awards ceremony and closing remarks**

18h00 **Cocktail**

May 17 – École de technologie supérieure

7h00-8h30   **Welcome coffee and networking**

8h30-8h45   **Opening session and welcome address**
- **Rita Noumeir PhD**, École de tehchnologie supérieure

8h45-9h45   **VALUATION AND IMPLEMENTATION OF AI DRIVEN CDSS**

A platform dedicated to the implementation of CDSS in PICUs
- **Dr Philippe Jouvet**, Pediatric Intensive Care Unit, CHU Sainte-Justine

Presentation title *"to come"*
- **Student** , Institution

Presentation title *"to come"*
- **Student** , Institution

9h45-10h15   **Panel discussion**

10h15-10h45   **Coffee break**

10h45-11h45   **CDSS FOR DIAGNOSIS AND TREATMENT**

Transforming monitoring with time-series analysis and AI at the bedside
- **Andrew Seeley**, Thoracic surgery and critical care medicine, The Ottawa Hospital

Presentation title *"to come"*
- **Student** , Institution

Presentation title *"to come"*
- **Student** , Institution

11h45-12h15   **Discussion panel**

12h15-13h45   **Lunch break**

13h45-14h30   **DIGITAL HEALTH AND MACHINE LEARNING IN HEALTHCARE: A REGULATOR'S PERSPECTIVE**

Crossing the regulatory gaps: how digital/simulation trials can reshape regulatory processes
- *FDA representative "to come"*

14h30-15h30   **REIMAGINING THE FUTURE OF ACUTE CARE MANAGEMENT WITH AI**

M3C in the metaverse
- **Mickael Nadeau**, XPR LBS

Presentation title *"to come"*
- **Student** , Institution

Presentation title *"to come"*
- **Student** , Institution

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