

Session Program

26-30 Aug 2019

**Geant4 tutorial course at Canadian Nuclear
Laboratories**

Lecture

Monday 26 August

09:00

Lecture Session

09:00–09:45 **Kernel I**

Speaker
Makoto Asai

09:45

10:15

Lecture Session

10:15–10:45 **User documents and examples**

Speaker
Dennis Wright

10:45–11:15 **User interface I**

Speaker
Makoto Asai

11:15–11:45 **Visualization I**

Speaker
Makoto Asai

11:45

13:00

Lecture Session

13:00–13:30 **Scoring I**

Speaker
Makoto Asai

13:30–14:30 **Physics I**

Speaker
Dennis Wright

14:30

Tuesday 27 August

08:15

Lecture

Session

08:15–08:45 **Material definition**

Speaker
Dennis Wright

08:45–09:45 **Geometry I**

Speaker
Makoto Asai

09:45

10:15

Lecture

Session

10:15–10:45 **Primary particle**

Speaker
Makoto Asai

10:45–11:45 **Physics II**

Speaker
Dennis Wright

11:45

13:00

Lecture

Session

13:00–13:30 **Physics III**

Speaker
Dennis Wright

13:30–14:30 **Geometry II**

Speaker
Makoto Asai

14:30

Wednesday 28 August

08:15

Lecture

Session

08:15–09:00 **EM Physics I**

Speaker

Dennis Wright

09:00–09:45 **Geometry III**

Speaker

Makoto Asai

09:45

10:15

Lecture

Session

10:15–11:00 **EM physics II**

Speaker

Dennis Wright

11:00–11:45 **Scoring II**

Speaker

Makoto Asai

11:45

13:00

Lecture

Session

13:00–13:45 **EM physics III**

Speaker

Dennis Wright

13:45

Thursday 29 August

08:15

Lecture

Session

08:15–09:00 **Hadronic physics I**

Speaker

Dennis Wright

09:00–09:45 **User interface II**

Speaker

Makoto Asai

09:45

10:15

Lecture

Session

10:15–11:00 **Multithreading I**

Speaker

Makoto Asai

11:00–11:45 **Hadronic physics II**

Speaker

Dennis Wright

11:45

13:00

Lecture

Session

13:00–13:45 **Hadronic physics III**

Speaker

Dennis Wright

13:45–14:30 **Geometry IV**

Speaker

Makoto Asai

14:30

Friday 30 August

08:15

Lecture

Session

08:15–08:45 **Analysis**

Speaker
Makoto Asai

08:45–09:30 **Event biasing**

Speaker
Dennis Wright

09:30–09:45 **Visualization II**

Speaker
Makoto Asai

09:45

10:15

Lecture

Session

10:15–10:45 **Choosing a Physics List**

Speaker
Dennis Wright

10:45–11:45 **Kernel II**

Speaker
Makoto Asai

11:45

13:00

Lecture

Session

13:00–13:30 **Multithreading II**

Speaker
Makoto Asai

13:30–14:00 **How to update your Geant4 installation**

Speaker
Dennis Wright

14:00–14:30 **Q/A and closing remarks**

Speaker
Makoto Asai

14:30