

Session Program

3-7 Sept 2018

Geant4 Tutorial

Tutorial

Department of Astronomy and Theoretical Physics, Lyra
Sölvegatan 27, 223 62 Lund

Monday 3 September

09:00

Tutorial

Session | **Location:** Department of Astronomy and Theoretical Physics, Lyra, Sölvegatan 27, 223 62 Lund

09:00–09:10 **Welcome**

09:10–09:20 **Tutorial introduction**

Speaker

Luis Sarmiento Pico

09:20–09:40 **Introduction to detector simulation**

Speaker

Dennis Wright

09:40–10:30 **Kernel I**

Speaker

Makoto Asai

10:30

10:50

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10:50–11:20 **User documents and examples**

Speaker

Dennis Wright

11:20–11:50 **User interface I**

Speaker

Makoto Asai

11:50–12:20 **Visualization I**

Speaker

Mihaly Novak

12:20

13:30

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13:30–14:10 **Scoring I**

Speaker

Makoto Asai

14:10–15:00 **Physics I**

Speaker

Mihaly Novak

15:00

Tuesday 4 September

09:00

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Session | **Location:** Department of Astronomy and Theoretical Physics, Lyra, Sölvegatan 27, 223 62 Lund

09:00–09:30 **Material definition**

Speaker
Dennis Wright

09:30–10:30 **Geometry I**

Speaker
Makoto Asai

10:30

10:50

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10:50–11:20 **Primary particle**

Speaker
Makoto Asai

11:20–12:20 **Physics II**

Speaker
Mihaly Novak

12:20

13:30

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13:40–14:10 **Physics III**

Speaker
Mihaly Novak

14:10–15:10 **Geometry II**

Speaker
Makoto Asai

15:10

Wednesday 5 September

09:00

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Session | **Location:** Department of Astronomy and Theoretical Physics, Lyra, Sölvegatan 27, 223 62 Lund

09:00–09:45 **EM physics I**

Speaker

Mihaly Novak

09:45–10:30 **Scoring II**

Speaker

Makoto Asai

10:30

10:50

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10:50–11:35 **EM physics II**

Speaker

Mihaly Novak

11:35–12:20 **Geometry III**

Speaker

Makoto Asai

12:20

13:30

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13:30–14:20 **EM physics III**

Speaker

Mihaly Novak

14:20–15:00 **User interface II**

Speaker

Makoto Asai

15:00

Thursday 6 September

09:00

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09:00–09:45 **Hadronic physics I**

Speaker
Dennis Wright

09:45–10:30 **Scoring II**

Speaker
Makoto Asai

10:30

10:50

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10:50–11:30 **Hadronic physics II**

Speaker
Dennis Wright

11:30–11:50 **Multithreading I**

Speaker
Makoto Asai

11:50–12:20 **Analysis**

Speaker
Mihaly Novak

12:20

13:30

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13:30–14:15 **Hadronic physics III**

Speaker
Dennis Wright

14:15–14:35 **Visualization II**

Speaker
Mihaly Novak

14:35–15:00 **Geometry IV**

Speaker
Makoto Asai

15:00

Friday 7 September

09:00

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09:00–09:45 **Event biasing**

Speaker

Dennis Wright

09:45–10:30 **Multithreading II**

Speaker

Makoto Asai

10:30

10:50

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10:50–11:20 **Physics list**

Speaker

Mihaly Novak

11:20–12:20 **Kernel II**

Speaker

Makoto Asai

12:20

13:30

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13:30–14:10 **Q/A**

14:10–14:30 **How to Update Your Geant4 Installation**

Speaker

Dennis Wright

14:30–14:50 **Closing remarks**

Speaker

Makoto Asai

14:50