

STREAM Winter School

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STREAM Networking Coordinator

6.11.2017



Welcome to the Stream Winter School

<https://indico.cern.ch/event/635340/timetable/>



STREAM WINTER SCHOOL

- **STREAM ITN** = Innovative **Training** Network
 - The Winter School is about TRAINING
 - It is the main network-wide training event in the life of STREAM (Deliverable 7.1 due M24)
 - ~3 weeks event
 - Content: 50% scientific and 50% non-scientific/complementary skills
- Who takes part?
 - ✓ STREAM ESRs
 - ✓ Consortium members (Beneficiaries & Partner organizations)
 - ✓ High profile scientists, specialists and trainers
 - ✓ Attendance to some events is open to external participants from the international research community
 - ✓ ATLAS experiment community





Programme

<https://indico.cern.ch/event/635340/timetable/>

Programme built on 2 main axis:

Scientific programme

- Specialist lectures provided by the network partner organisations and senior researchers on applied physics
- Attendance to the ATLAS Upgrade Week

Complementary skills programme

- Personal development and Outreach
- KT & Business management, industrialization of technologies





Programme

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6-7/11 @ IdeaSquare
Specialist Lectures and Panel discussion

7/11 p.m @ B.500
Outreach: Marie Curie Day @ CERN

8-10/11 @ B.112, B376, Ideasquare
Personal development: presentation skills, personal branding, media

13-17/11 @ CERN Meyrin
ATLAS Upgrade week

20-22/11 @ WU-Wien
Personal development & Business/KT training





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6-7/11 @ IdeaSquare
Specialist Lectures and Panel discussion

Silicon is for physics what carbon is for life – E.Heijne
Accelerators for the future – M.Jimenez
Future experiments – M.Aleksa
Radiation effects on electronics – M.Mikuz
Flip chip interconnects in pixel detectors – A.Vahanen
Panel discussion: challenges for future trackers – P.Riedler
Epitaxial wafer trends in industry – P.Collareta
Future trends in sensor design – T.Kugathasan
High energy e- detection in transmission e-microscopy – L.Mele
Preparing successful EU proposals – P.Tello



Your role:
Ask questions,
participate in the
discussions and
panel, interact
with the speakers



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7/11 p.m @ B.500

Outreach: Marie Curie Day @ CERN

Celebrate Marie Skłodowska-Curie 150th birthday:

- Poster session with ESRs
- Interviews and video life stream
- *Talk: Marie Skłodowska-Curie Actions - an international success story* - talk by Dr. Marco Silari
- *Talk: Accelerating Researcher Training* – Prof. Carsten P. Welsch, University of Liverpool (live stream)

Your role:
Promote STREAM!





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8-10/11 @ B.112, B376, Ideasquare

Personal development: presentation skills, personal branding, media

Convincing in Scientific Presentations - N. Wilkins/ S. Allegretti

Personal Branding and Marketing Yourself - N. Wilkins

Dealing with media/ Addressing to general public - Clara Nellist

Interactive visualisation and scientific learning - J.A. Pequena

Your role:

**Ask questions,
participate, make,
do, try, enjoy!**





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13-17/11 @ CERN Meyrin <https://indico.cern.ch/event/558935/>
ATLAS Upgrade week

Day/Time	Monday	Tuesday	Wednesday
09:00 10:30	Strip Sensors Pixel Electronics Pixel Sensors	Strip Global Mechanics & Integration Pixel Sensors ITk-TDAQ	Strip Local Support Electronics Pixel General
11:00 13:00	Strip ASICS Pixel CMOS Pixel Electronics Sim/Perf	Strip Irradiation & test beam & Database Common Mechanics Pixel CMOS	Strip Services & Power supply Pixel General
LUNCH			
14:00 15:30	Strip Modules Pixel Mechanics Sim/Perf	Strip Local Support core and Mounting Pixel ????	Common Electronics DCS
16:00 18:00	Strip General Pixel Mechanics	Strip System test and DAQ Pixel Modules Common Mechanics Common Electronics	ITk Plenary

Your role:
Ask questions,
participate, interact
and network with the
ATLAS community





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Dedicated CMOS sessions

Learn about CMOS developments ATLAS wide





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Dedicated Modules,
Mechanics and
integration sessions

Learn about how a
big detector is put
together





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Pixel and Tracker
general presentations

Get an overview and
summaries of the full
ATLAS ITK project





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20-22/11 @ WU-Wien

Personal development & Business/KT training

Workshop on self-management, stress coping strategies and resilience – U.Schweiger, B.Riedenbauer

Workshop on design thinking – J.Bauer

Workshop on KT real-life project / Training activities – P.Keinz

Your role:
Ask questions,
participate,
deliver KT plan



Sonia Allegretti, supported by other STREAM members as needed,
remains at your side

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Enjoy!

Thank you for your attention.

