

8 November 2022 - DAY 1 - Digital Transformation in Manufacturing

09:00 - 09:15

Welcome to the Digital Skills Camp Africa



Tomas Karlsson



Philipp Müller

09:15 - 09:30

Green design goals, designing for more sustainable outcomes in D&M



Matt Oosthuizen

09:30 - 10:00

Integrating Fusion 360 digital tools into the new product development process across multi-disciplinary teams for seamless production implementation



Ryan Vessey

10:00 - 10:30

Engaging with WorldSkills and African Union



Grace Lung



Nicholas Ouma

10:30 - 11:00

The Future of Collaborative Product Design & Development in Africa based on Many Teams - One Tool: A Case Study



Kithinji Muriungi

11:00 - 11:45

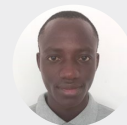
Collaboration between education and industry in Tunisia



Samia Chelbi



Fatou Coulibaly



Fousseni Kone



Mounir Douggaz



Samar Neciri

11:45 - 12:10

WorldSkills Mechanical Engineering competition



Dario Pinto

12:10 - 12:15

Morning Sessions Summary



Tomas Karlsson

12:15 - 13:00

Break

13:00 - 13:05

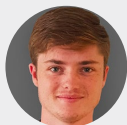
Welcome Back



Tomas Karlsson

13:05 - 14:00

Intro to Fusion 360



Christopher Quirke

14:00 - 15:00

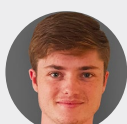
Hands-On Training: Drone modeling



Christopher Quirke

15:00 - 15:30

Q&A



Christopher Quirke

15:30 - 15:35

Session Summary & Wrap Up



Tomas Karlsson



9 November 2022 - DAY 2 - Digital Transformation in Manufacturing

09:00 - 09:05

Welcome to the Digital Skills Camp Africa



Tomas Karlsson

09:05 - 09:30

Industry perspectives: Bolt Engineering



Richard Hansen

09:30 - 10:00

Becoming the world champion in underwater robotics - a student team's perspective



Emre Orkun - ITU AUV Team

10:00 - 10:30

Collaboration with Rwandan national council of polytechnic colleges



Regis Ngenzi

10:30 - 11:00

Nigerian Genius Engineering Competition



Tochukwu Clinton Chukwueke

11:00 - 11:30

Additive Manufacturing: An introduction



Dr Kingsley Ukoba

11:30 - 12:00

WorldSkills Additive Manufacturing Competition



Steve Taylor

12:00 - 12:05

Morning Sessions Summary



Tomas Karlsson

12:05 - 13:00

Break

13:00 - 13:05

Welcome Back



Tomas Karlsson

13:05 - 14:00

Design for Additive Manufacturing Presentation



Chukwubuikem Felix Amaefule

14:00 - 15:00

Additive Manufacturing (FFF), Demo in Fusion 360



Chukwubuikem Felix Amaefule

15:00 - 15:30

Q&A



Chukwubuikem Felix Amaefule

15:30 - 15:35

Session Summary & Wrap Up



Tomas Karlsson

