Optimization of Particle Accelerators

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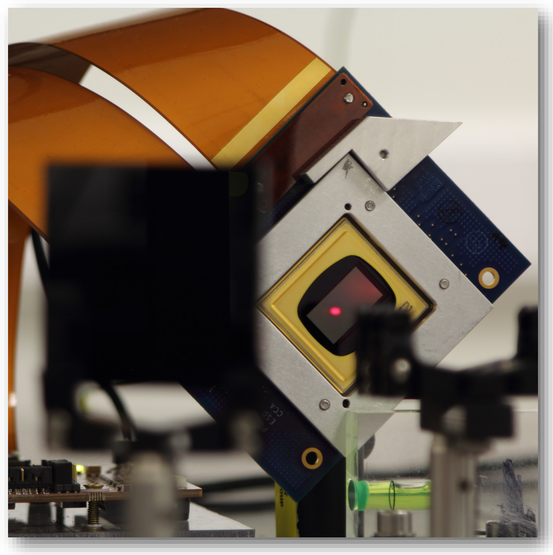

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1
The largest-ever ITN

With a total project budget of no less than 6 M€, oPAC was the largest-ever Marie Curie Innovative Training Network ever funded by the EU. It trained 21 researchers between 2011-2015.

2
Linking Communities

oPAC established that a real optimization of the performance of any accelerator can only be achieved if cutting edge diagnostics, novel beam simulation codes and state-of-the-art control systems are all linked together.

3
oPAC around the world

A dedicated Project T.E.A.M. was established by the project coordinator Prof Welsch to support the network. It has since formed the basis of many successful large scale research collaborations.

4
Innovative Training

All oPAC Fellows followed an intensive interdisciplinary training programme which put research excellence in the focus. It contained hands-on training, international schools, topical workshops and intra-network secondments.

5
World-class R&D

Based on the original DITANET training concept, oPAC Fellows have successfully developed advanced research solutions that now benefit accelerators and light sources around the world.

6
Engaging

The project trainees presented their research results at expert conferences around the world. They also engaged with the general public to highlight the importance of accelerator R&D for science and society.

http://www.marie-curie-day-2017.org

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