

Overview of HEP Tech

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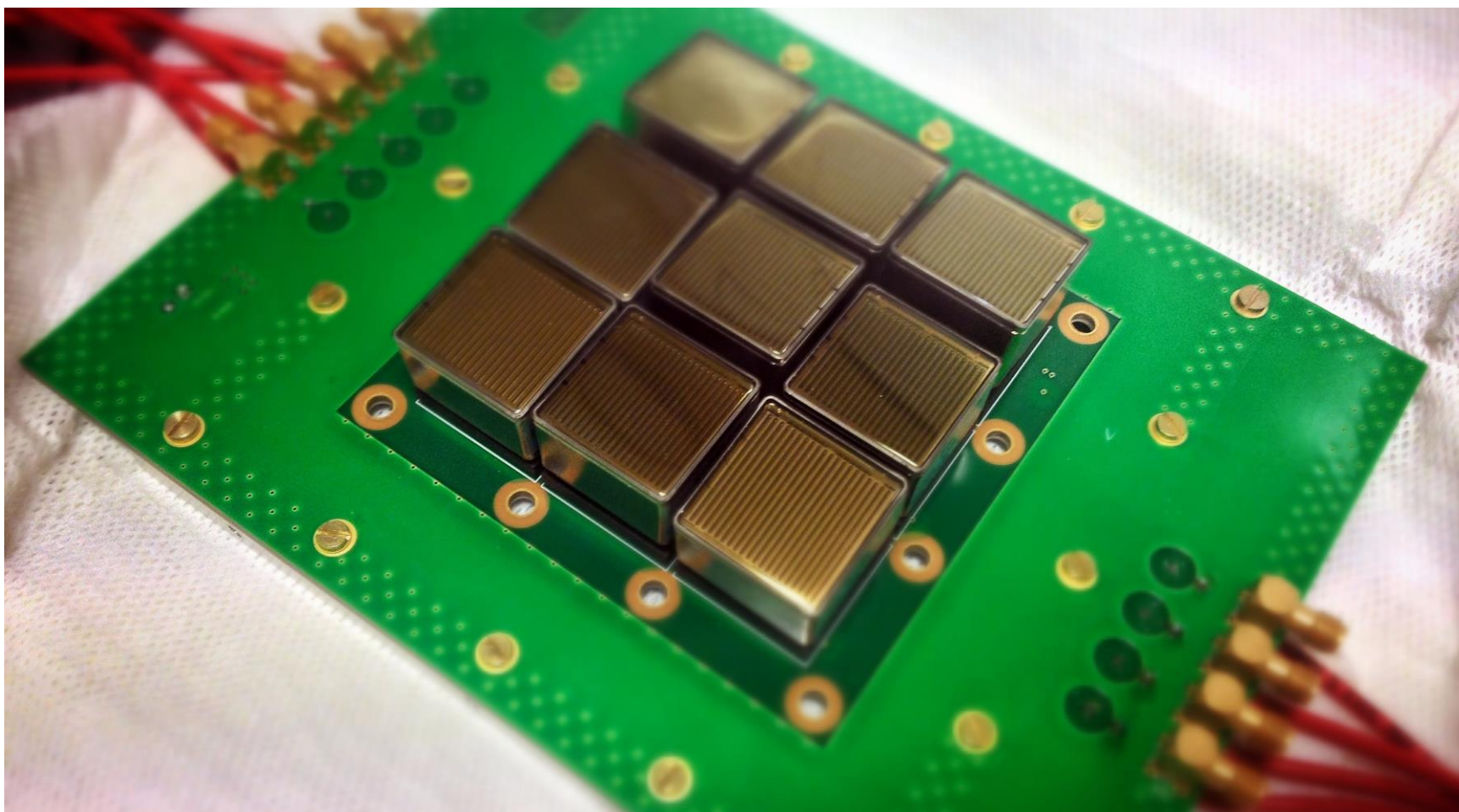


Exec Summary

- An active network of 21 Nodes
 - Active events programme
 - Interacts with other academic disciplines & industry
 - Help Nodes find funding
- Delivering Society Impact
- Clarity on how it works
 - Scope
 - Governance

4 Juillet 2012





HEPTech

Leading HEP technologies for industry
Technology Transfer opportunities

What do we do ?

- Help move PP science results to society
 - Industrial academic collaborations
 - Other academic disciplines
- Foster collaboration
 - Apply for grants etc..
 - RD 51, ATLAB
- Share best practice in TT
- Provide (cheap/ free) access to
 - Tools, expertise

Brief History

- European Strategy on PP
 - Originally drafted 2006
 - Enhance Impact of Particle Physics to society
- HEPtech Formed March 2008
- June 2012
 - Elected Chair
 - Co-ordinator



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European Strategy on PP 2013

- 2013 - Knowledge and technology developed for particle physics research have made a lasting impact on society. These technologies are also being advanced by others leading to mutual benefits. Knowledge and technology transfer is strongly promoted in most countries. **The HEP Tech network has been created to coordinate and promote this activity, and to provide benefit to the European industries. HEP Tech should pursue and amplify its efforts and continue reporting regularly to the Council.**



Membership

21 / 15



HEPTech board

Steering committee

WG 1

WG 2

WG 3

WG 5

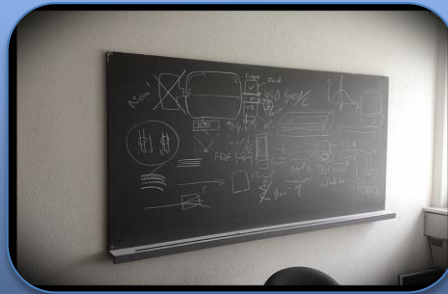
WG 6



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Working Groups



Seedling image by <https://www.shutterstock.com/image-vector/seedling>

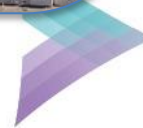


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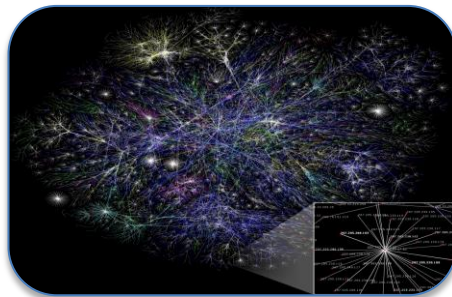
TT Show and Tell

- Demonstrated how one node brought more money to its Physics science researchers.



Building Solutions based on PP

- Pooling technologies across HEPTech nodes, to build complete solutions to real world problems
- E.g. Ultra high vacuum technology, data mining



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PhD symposium

- Inspire the next generation of PhD to make their research change the world.
- Early stage researchers
- 1 week long
- Inspiring programme leading to academic industrial collaborations



Leading into a COST application



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Future Plans

- Continue to secure funding for members
 - Free tools, free advice, more tech transfer
- Strengthen Network
 - More activity within network
- Increasing links to stakeholders
 - Industry, Horizon 2020
- Exploring the expansion of network to
 - Non PP nodes
 - Other countries

Overview

- we have:
 - Helped nodes; free access to tools and support
 - Chase new funding
 - a wide ranging programme,
 - Industry and academia working together
 - High level of participation from members.
 - balanced budget, looking to use existing funding streams to grow the offering
- Healthy exciting full plan going forward