



Technology Transfer in Computing Systems

D2.5: Kickoff press release

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Introduction

On January 6, we launched an official press release announcing the project to the world. This was one month later than the due date (month 3), but we considered it more appropriate to publicly announce the network after the Christmas break than just before it. We also wanted to have the website up and running.

TETRACOM press release

New initiative to boost academia-industry technology transfer in computing

Aachen – January 6, 2014. Many outstanding research results from publicly funded research programs and PhD research do not find their way into commercial products and services. Most researchers in academia focus on dissemination of their research through scholarly publications, and are not targeting commercialization of their results. “Too often, researchers only consider a spin-off company as a way to commercialize their research, which is the most daunting way of commercializing a technology for a young graduate. In practice, it is much easier and less risky to transfer a research result into an existing company” notes Rainer Leupers, professor at RWTH Aachen University, and coordinator of the TETRACOM project.

TETRACOM wants to promote this model of technology transfer in the domain of computing systems throughout Europe. It will do so by creating incentives to encourage researchers to try an actual technology transfer. It introduces a novel and lightweight funding instrument: TTP – a technology transfer project. A TTP can subsidize up to 50% of the cost of small to medium sized technology transfer. In addition, TETRACOM creates two supporting actions: training for researchers on how to set up and execute a successful technology transfer, and private consulting services for researchers involved in a technology transfer.

Rainer Leupers further explains “TETRACOM wants to pave the way for more large scale technology transfer initiatives in Europe. Our target is to fund and support around 50 TTPs over the next three years. We want all these TTPs to be successful and above all to be a positive and rewarding experience for the researchers involved. Our expectation is that after a first positive experience, researchers will naturally start looking for additional opportunities for additional technology transfers – with or without support by TETRACOM”.

About TETRACOM

TETRACOM (Technology Transfer in Computing Systems) is an FP7 coordination action focused on technology transfer between academia and industry. It started on September 1, 2013, and it runs for three years. The total budget of the project is 2 M€. The project is coordinated by Prof. Leupers from RWTH Aachen University, and it is run by a consortium of 8 academic institutions. TETRACOM was officially launched during the HiPEAC industry partner day on October 8, 2013 in Tallinn. More information on <http://www.tetracom.eu>.

This press release was published at

- TETRACOM website
- Alphagalileo: <http://www.alphagalileo.org/ViewItem.aspx?ItemId=137788&CultureCode=en>
- Cordis wire: <https://cordis.europa.eu/wire/index.cfm?fuseaction=article.Detail&rcn=41988>

TETRACOM covered in the press

TETRACOM was mentioned in the HiPEAC press release on the computing systems weeks in Tallinn.

European research network works to boost technology transfer in computing

October 23, 2013 - Many universities and research institutes have developed massive amounts of IP in government-funded research programs or PhD research. Some of this IP eventually ends up in real products or services, but much of it never gets applied. This is unfortunate, because some of these innovations could lead to profitable products or services in the market, alongside new jobs opportunities. How can we encourage more ideas and discoveries coming out of research to be used in industry? This challenge was the goal of the HiPEAC Industry Partner Program (HIPP) day held earlier this month in Tallinn, Estonia. The event was geared towards advertising various programs and channels for technology transfer in the European Union. An additional focus was to promote the visibility of small companies and their success stories, while encouraging others to pursue technology transfer.

The event presented **three new initiatives** to support and promote technology transfer and innovation in computing systems, at a total investment of 80 M€ for the next three years.

- (1) The first initiative is the HiPEAC Technology Transfer awards program. "By creating an award to celebrate the uptake of research results by industry, we hope to encourage researchers to transfer their technology outside the research lab," noted Koen De Bosschere, coordinator of the HiPEAC network. "This award is to technology transfer what a best paper award is to scholarly publishing." The program will involve approximately 20 awards per year.
- (2) **Another initiative known as TETRACOM, short for Technology Transfer in Computing Systems, is the first EU program to focus on helping innovators in computing systems get their ideas ready for adoption in the marketplace. As explain by coordinator Rainer Leupers, "Our goal is to encourage technology transfer and to help researchers get funding for technology transfer with an existing company. We aim for up to 50 technology transfer projects in the next three years."**
- (3) I4MS, short for ICT Innovation for Manufacturing SMEs, was presented by Ioannis D. Bitsios of the European Commission, who presented the EU's vision for Horizon 2020. "I4MS is an EU program targeted at helping jumpstart small companies from the 'just a few' customers stage to the point where they have tens of customers," he explained. "This change in status is known as 'passing the chasm', and tends to be a point at which many companies fail." The new program is targeted at helping SMEs get through this fragile period by promoting the early adoption of new technologies. The program aims to adopt 150 cases.

About HiPEAC

The HiPEAC network is an FP7 project which gathers more than 1000 researchers in computing systems in Europe. It is the biggest such network in the world, offering training, mobility support, dissemination services, and abundant networking facilities to its members. The yearly budget of the network is about 1 M Euro. The third session of HiPEAC started on January 2012, and will run until December 2015. It is run by a consortium of six universities, one research institute and five companies. It is coordinated by Ghent University. See also www.hipeac.net.

This press release appeared at:

- HiPEAC website: <http://www.hipeac.net/node/6361>
- Alphagalileo: <http://www.alphagalileo.org/ViewItem.aspx?ItemId=135842&CultureCode=en>
- Cordis wire: <https://cordis.europa.eu/wire/index.cfm?fuseaction=article.Detail&rcn=40507>

The original TETRACOM press release was copied at:

- http://www.tendencias21.net/New-initiative-to-boost-academia-industry-technology-transfer-in-computing_a29257.html
- <http://www.iber-campus.eu/new-initiative-to-boost-academia-industry-technology-in-computing-1389.htm>

The same press release was used as source for an article on Cordis news:

http://cordis.europa.eu/news/rcn/36379_en.html

Taking European Expertise in Computing to Market

07 January 2017 - Turning research results into viable technologies, products and services is central to the EU's objective of encouraging sustainable growth and jobs across Europe. In the computer systems sector alone, there is huge potential for taking new ideas to market. But how can the academic world join the commercial world?

One answer is through partnering academics with business expertise. TETRACOM (Technology Transfer in Computing Systems) is a coordination action funded by the Commission under FP7, and its objective is to coordinate and support technology transfers from academia to industry.

Technology Transfer describes the process of transferring knowledge and technology - usually developed in universities and other institutions - to the market place in the form of new products, processes, applications or services.

Achieving this leap to market is not easy. A great deal of outstanding research simply does not find its way into commercial products and services, partly because researchers do not prioritize the commercialization of their results. Another obstacle is cost - and this is where TETRACOM comes in.

TETRACOM is focused on technology transfer in the domain of computing systems throughout Europe. This will be achieved by incentivizing researchers to try an actual technology transfer. Through a novel and lightweight funding instrument - the Technology Transfer Project (TTP) - TETRACOM will train researchers up on how to set up and execute a successful technology transfer, and also offer private consulting services for researchers involved in a technology transfer.

A TETRACOM TTP will typically last between three and 12 months, with the total cost anything between EUR 10 000 and EUR 200 000. TETRACOM will fund up to 50% of this, with the expected average grant size being EUR 25 000. This funding will enable dedicated, well-defined, and short term academia-industry collaborations that bring concrete R&D results into industrial use.

Funding is reserved only for academic beneficiaries, and only companies with business activities and/or physical sites in EU or Associated States are eligible as technology transfer partners. However, the actual collaborating company department does not necessarily have to be located itself in these countries.

Launched in September 2013, it is expected that TETRACOM will pave the way for more large scale technology transfer initiatives across Europe. The project aims to fund and support around 50 TTPs over

the next three years, and provide researchers with the tools to commercialize their results.

Three calls for TTP proposals will be issued over the next three years, with the first call for TTP proposals appearing in early 2014. The budget for this particular call will be EUR 300 000. Total EU funding for the project is nearly EUR 2 million.

The Cordis news item was then used as source for an article in ACM Technews

<http://cacm.acm.org/news/172453-taking-european-expertise-in-computing-to-market/fulltext>
which was mailed to the 100 000+ members of ACM.

ACM TECHNEWS

Taking European Expertise in Computing to Market

By CORDIS News
February 24, 2014
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The European Commission is working to coordinate and support the transfer of computer-related technologies from academia to industry.

Credit: einclusion.hu

TETRACOM will fund up to 50 percent of this cost, with the expected average grant size being 25,000 euros. This funding will target well-defined and short-term collaborations that bring solid research and development results into industrial use, and funding is reserved solely for academic beneficiaries.

Three calls for TTP proposals will be issued over the next three years, and the deadline for the first call round is March 31, 2014.

From *CORDIS News*
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The European Commission (EC) hopes to complement academics with business expertise through Technology Transfer in Computing Systems (TETRACOM), a coordination action funded by the EC under the Seventh Framework Programme (FP7). The aim is to coordinate and support technology transfers from academia to industry by transferring knowledge and technologies developed by universities to the marketplace in the form of new products, processes, applications, or services.

Even when research is high-quality, researchers often do not prioritize the commercialization of their results, usually due to high costs. TETRACOM seeks to incentivize researchers to undertake an actual technology transfer.

A unique and lightweight funding instrument called the Technology Transfer Project (TTP) will be used to train researchers on how to set up and execute a successful technology transfer, and also will provide private consulting services. A TETRACOM TTP will usually last between three and 12 months, with the total cost ranging from 10,000 to 200,000 euros.

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