

EIRICT Newsletter: 2015-08

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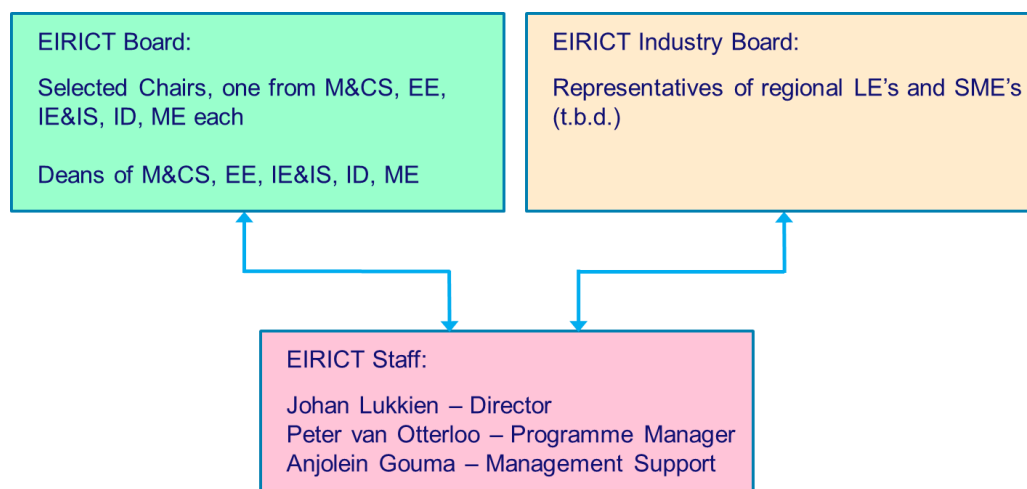
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For more information, see also the [EIRICT website](#).

New mandate period for EIRICT

The first mandate period for EIRICT ends in September 2015. In the past months we conducted a review of EIRICT, laid down in [A report of the activities and results since the kickoff on March 6, 2012](#) which is downloadable from the EIRICT web site. We also engaged in a discussion with all EIRICT stakeholders about the future of EIRICT. In June, four departments in TU/e (M&CS, EE, ID, IE&IS), as well as a number of groups in the departments of ME and BE, decided to continue their involvement in EIRICT in a new mandate period (2015-2019). Subsequently, the Board of TU/e confirmed this new mandate period for EIRICT.

In discussions with our stakeholders we proposed changes in the organizational model for EIRICT. In the new mandate period, a new governance model will be implemented along the lines depicted in the picture below.



An EIRICT Board will be installed, consisting of members selected from EIRICT chairs. This EIRICT Board will serve for 2 years and meet 5 times per year. Once per year, the deans from M&CS, EE, IE&IS, ID and ME will take part in the meeting of the EIRICT Board. EIRICT will operate on an annual agenda, agreed and reviewed with the EIRICT Board.

Next to this academic EIRICT Board, an EIRICT Industry Board, consisting of representatives from mainly regional large enterprises as well as relevant SME's. The EIRICT Industry Board will meet once per year and will typically provide input for the annual agenda of EIRICT and high-level alignment on collaborations in industrial research and innovation programs.

There is a basic body of work for EIRICT to tend to. This comprises the representation of the ICT community of TU/e in 3TU.NIRICT, in IPN, in EIT Digital and at government level. EIRICT also provides EU program development support, in particular in the JTU ECSEL and in EUREKA programs. The Annual EIRICT Agenda will comprise e.g. EIRICT lunch meetings (often providing information about current research and innovation programs), development of technology themes and topical meetups (Cyber-Physical Systems, Internet of Things, Machine Intelligence, ...), presentations on the State-of-the-Art in key ICT topics, and a yearly conference on a topical theme for TU/e and regional partners.

In the new mandate period, EIRICT intends to improve its outreach and contact with the relevant departments and its target ICT community at TU/e. As an action in this context, the EIRICT mailing list has already been extended, now containing research faculty and staff, managerial staff, postdocs and Ph.D. students and TOIO's from the relevant departments and groups. See the note on the reviewed EIRICT mailing list below.

Important note about the reviewed EIRICT mailing list.

This EIRICT Newsletter has been sent to a revised EIRICT mailing list. Quite a number of you appear newly in this list. If you are not familiar with EIRICT yet, please consult the [EIRICT website](#) for further introduction.

Upon the review of EIRICT and the positive decision of the Board of TU/e to continue this institute at TU/e for the ICT domain, we decided to review and update which TU/e employees we are reaching through our mailings, information sessions, dedicated meetings on specific ICT topics, etc. We used the departments and groups at TU/e that expressed their explicit interest to participate in EIRICT as a basis for compiling this revised mailing list. Furthermore, we decided to extend the employee categories to be included in the EIRICT mailing list. Hence, it now also includes the Ph.D. students and TOIO's from the selected departments and groups.

Our aim in our communications with the EIRICT community is not to inundate you with an overload of e-mails and documents, but rather to provide you with useful information about developments, events and opportunities in the ICT domain and about the involvement of TU/e in these. The [EIRICT website](#) will also be a useful source of information as well as an archive in this respect.

If you would like to be removed from the EIRICT mailing list, please let us know by sending a mail to [Secretariaat EIRICT](#).

KIA ICT 2016-2019

Within the ["Topsectoren" policy](#) of the Dutch government, the ICT domain has a special position. The ICT domain belongs to the [Topsector High Tech Systems and Materials](#), but it is recognized that ICT plays a significant role in boosting innovation and growth in almost all of the 9 Topsectors. Last year, the Minister of Economic Affairs installed a team to stimulate interconnections between the Topsectors, to strengthen the industry policy and to enable ICT to fuel economic growth. This team, "Team Digital", is headed by René Penning de Vries. In 2012, a first Knowledge and Innovation Agenda (KIA) for ICT, entitled ["Roadmap ICT for the Top Sectors"](#), has been compiled. In addition a ["Scientific Answer to the Roadmap ICT"](#) has been written by members of [IPN](#). One of the tasks of Team Digital was to develop a revised KIA for ICT in the period 2016 – 2019. The objectives for the revised KIA comprised:

- Identify instances of high-potential ICT innovation in the top sectors
- Identify long-term ICT challenges, likely to end up in the National Research Agenda
- Provide an agenda for PPP's in the 2016-2019 period
- Provide a starting point for Innovation Contracts for 2016-2017, to be agreed among various stakeholders by 1 October 2015.

On 1 June 2015, Team Digital offered the [KIA ICT 2016-2019](#) to the Minister of Economic Affairs. In the KIA ICT 2016-2019 it becomes apparent that the various Topsectors realize that ICT is no longer a mere service to their domains but rather a motor for innovation and growth. The KIA ICT 2016-2019 clusters the ICT needs of the Topsectors in 4 main lines of action for 2016-2019:

- ICT One Can Rely On
- ICT Systems for Monitoring and Control
- ICT for a Connected World
- Big Data.

As indicated, the KIA ICT 2016-2019 will constitute the basis for new Innovation Contracts, that need to be signed no later than 1 October 2015.

Team Digital also submitted a proposal for the creation of a Public-Private Partnership (PPP) on Big Data for the further shaping and execution of the research and innovation in the Action Line Big Data, entitled "[COMMIT2DATA White Paper](#)". DSC/e ([Wil van der Aalst](#) and [Maurice Groten](#)) [gave a further explanation of this initiative and solicited inputs](#) from the TU/e community in the context of the COMMIT2DATA.

For the line of action ICT One Can Rely On, Cybersecurity will be a focus topic. The ICT-Innovatieplatform (IIP) Security & Privacy "Veilig Verbonden" ([IIP VV](#)) is currently working on a revised edition of the National Cyber Security Research Agenda (NCSRA). [Sandro Etalle](#) is a TU/e contact here. On 2 November 2015 a [symposium about the revised NCSRA](#) will be held in New Babylon in The Hague. In 2016 NWO will issue new calls for research and innovation in cybersecurity.

EIRICT created [a summary of the KIA ICT 2016-2019 and COMMIT2DATA White Paper](#).

As of 2016 NWO will publish the programs and associated calls for proposals. It is expected that the National Science Agenda, currently under development by the Ministry of OCW, will connect also to the 4 main lines of action of the KIA ICT 2016-2019 and define longer term research challenges in this context.

3TU.NIRICT: Community Building

In the [previous EIRICT Newsletter](#) we reported on the new charter and management team of 3TU.NIRICT. The focus of the charter of 3TU.NIRICT is now on:

- Community building.
- Research project portfolio management, in phases:
- Cooperation in education.

In the context of the community building, 3TU. NIRICT is launching an activity to bring the Next Generation of leading ICT researchers in The Netherlands together. The target group consists of assistant- and associate professors, who are practically still at the start of their career. The aim is to build a platform for these researchers within 3TU.NIRICT, where they can meet each other, exchange experiences and ideas, build a network in The Netherlands beyond their own universities, and define a common roadmap for ICT research and -education in The Netherlands.

On 17-18 September 2015 a first activity in the context of this 3TU.NIRICT community building initiative has been planned. A group of around 30 Young Ones, from different universities and different specialisations all over the country, will be brought together in this two-day session. During these two days, the participants will discuss with senior members of the Dutch ICT community how to shape the future of ICT research at Dutch universities. In case you are interested in this 3TU.NIRICT platform or if you would like to join this event, you can contact [Sander Stuijk](#).

In the next EIRICT Newsletter, we will report on the progress of the 3TU.NIRICT Management Team regarding the other two focus topics in the charter of 3TU.NIRICT: research project portfolio management and cooperation in education.

STW: relaxing the conditions for involving PDEng-researchers.

STW is making it easier for consortia to involve PDEng-researchers (Professional Doctorate in Engineering) in a STW-project. Amongst others, the financial conditions for the application of a personnel position for PDEng-trainees are relaxed. A financial contribution by an industrial partner is no longer required, though that can be used to comply with a potential co-funding requirement. The partner that is associated with the PDEng candidate no longer has to be a private party.

A full specification of the conditions for the involvement of a PDEng-trainee in a STW project consortium can be found on p.14 of [Guidelines OTP-ENG](#). You may also contact policy coordinator [Marja Dijksterhuis](#) at STW.

The ECSEL program.

ECSEL calls: ECSEL-2015-1 and ECSEL-2015-2.

In the [previous EIRICT Newsletter](#) we reported on the creation of the new ECSEL JU, as a merger of the JU's ARTEMIS and ENIAC and the the industry-driven policy initiative EPoSS and on the results of the first round of ECSEL calls in 2014. The awarded projects that TU/e is involved in, 3Ccar and MANTIS, have started in the past months.

We also reported on the new, 2015 round of ECSEL calls, [ECSEL-2015-1 \(for RIA's\)](#) and [ECSEL-2015-2 \(for IA's\)](#), that was launched on 17 March. The deadline for the submission of project outlines was on 12 May 2015. The statistics of the submissions are reflected in the figure below:

	2015-1	2015-2	Total	2014-1	2014-2	2014
Number of proposals	62	16	78	36	15	51
Not evaluated	1	1	2	2	1	1
Evaluated	61	15	76	34	14	48
Number of participations	1195	375	1570	941	429	1370
Eligible costs H2020 (M€)	1,021	924	1,945	791	1,039	1,831
Requested national funding (M€)	278	153	431	245	232	477
Requested EU funding (M€)	334	163	497	394	321	716
Oversubscription EU	5.7	1.8	3.3	7.9	3.1	4.6

It can be observed that the interest to participate in ECSEL has increased substantially in 2015. This increase is almost completely connected to the RIA call ECSEL-2015-1 (62 proposals vs. 36 in 2014). With 145 M€ funding available in 2015 for the EU funding, 95 M€ for RIA's and 50 M€ for IA's. The overall oversubscription rate amounts to a factor 3.3, but the oversubscription in the RIA call is much higher than in the IA call. The national budget for ECSEL in the Netherlands in 2015 is 20 M€ (10 M€ for RIA's and 10 M€ for IA's). The total national funding requested by Dutch parties in the 2015 ECSEL PO was approximately 30 M€ for RIA's and 13 M€ for IA's, leading to oversubscription factors of 3 and 1.3, respectively.

At the moment of writing all parties, that received a positive response on their PO and an invitation to submit a FPP, are busy preparing their FPP. Almost all proposals in the PO phase received such an invitation. In the PO phase TU/e was involved in 14 RIA proposals and 3 IA proposals. The deadline for submission of the FPP's is 8 September.

The ITEA 3 Program

ITEA 3 Call 1 (2014-2015)

The deadline for submission of FPP's for the ITEA 3 Call 1 was on 11 February 2015. The evaluation results and the awarding of so-called ITEA Labels was on 13 March 2015. ITEA 3 is a nationally funded EUREKA program. Hence, the awarding of an ITEA Label entitles each of the national subconsortia in that project to apply for national funding. In the ITEA 3 Call 1 four proposals with TU/e involvement received an ITEA Label. Upon the defence of the proposals at RvO in The Hague, 2 projects ITEA projects with TU/e involvement received funding from the Dutch government ASSUME (TU/e contact: Prof. Henk Corporaal) and 3DPathology (TU/e contacts: Dr. Sveta Zinger / Prof. Peter de With).

ITEA 3 Call 2 (2015-2016)

All information about the schedule of ITEA 3 Call 2 (2015-2016) is available now. The call will open on 22 September 2015, which coincides with the Project Outline (PO) preparation meeting in Brussels, Belgium on 22-23 September. This meeting will enable you to:

- Present your idea in a poster session and during parallel project idea pitch sessions;
- Discuss project ideas in working group sessions;
- Contact other interested parties/potential partners from all over Europe and beyond; and
- Receive general information about ITEA and the Call process.

If you wish to participate, you should register quite soon, since the number of registrations still available is fairly limited.

The call process of ITEA 3 Call 2 (2015-2016) is a two-stage process, followed by a national funding application when the proposal has obtained the ITEA Label. The deadline for the submission of the PO is 30 October 2015 and that of the FPP is 9 February 2016.

Horizon 2020

Horizon 2020 LEIT-ICT Calls 2014-2015

In the [previous EIRICT Newsletter](#) we noted that many people at TU/e were busy preparing proposals for the H2020-ICT-2015 calls. The deadlines for most calls were in April 2015 and for some calls in the months thereafter. At the moment of writing, the first results of these calls are appearing, unfortunately with rather limited success. TU/e was involved in 35 submitted proposals and was acting as coordinator in 9 of these. Of the 9 proposals where TU/e had the role of coordinator, 2 were awarded (both submitted from the Department of Electrical Engineering). Of the remaining 26 proposals, only 2 more proposals were awarded (again both submitted from the Department of Electrical Engineering), while 2 proposals were put on the reserve list (one submitted from the Department of Mathematics and Computer Science and one from the Department of Industrial Design).

Horizon 2020 LEIT-ICT Work Program 2016-2017

In the [previous EIRICT Newsletter](#) we also provided a link to the draft Work Program 2016-2017 for the H2020 Program LEIT-ICT. In the meantime, a new draft version of this work program has been published: Horizon 2020 Work Programme 2016 - 2017 Information and Communication Technologies ([H2020-ICT WP 2016-2017](#)). This Work Program document comprises calls on the following core ICT topics:

- A new generation of components and systems (including CPS)
- Advanced Computing and Cloud Computing
- Future Internet
- Content (including Big Data)
- Robotics and Autonomous Systems
- ICT Key Enabling Technologies

The H2020 WP 2016-2017 ICT also contains a number of calls for international cooperation in R&I in various ICT domains:

- EU-Japan Joint Call (including 5G Networks, Platforms for IoT, Cloud Computing, Big Data)
- EU-Brazil Joint Call (including Cloud Computing, IoT pilots)
- EU-South Korea Joint Call (including 5G Networks, IoT, Cloud brokerage)

Furthermore, there are a number of calls for R&I in ICT domains, targeted at and in collaboration with specific Focus Areas and Societal Challenges:

- ICT for the Factories of the Future
- Internet of Things
- Digital Security Focus Area

In the 2016 calls, a subsidy budget of M€ 463.5 will be available for the core part of this work program, while an additional M€ 263.35 is available from the H2020 Program LEIT ICT in collaborative calls with dedicated application domains (e.g. societal challenges, Focus Areas). For the 2017 calls these figures will be M€ 604.5 and M€ 164.5, respectively.

H2020 LEIT-ICT Call period and launch event

Most H2020-ICT-2016 calls will open either on 14 October 2015 or on 20 October 2015. The submission deadlines vary per call. In any case, please consult the Horizon 2020 Work Programme 2016 - 2017 - Information and Communication Technologies for certainty on these dates.

The H2020-ICT-2016 calls will be launched officially at [ICT 2015 - Innovate, Connect, Transform](#), on 20-22 October 2015 in Lisbon, Portugal. This website also contains a link to register for participation. ICT 2015, organized by the European Commission together with the [Fundação para a Ciência e a Tecnologia](#) will comprise a number of parallel activities:

- A policy conference presenting the new Commission's policies and initiatives on Research & Innovation in ICT (Horizon 2020 Programme);
- An interactive exhibition showcasing the best results and impact of most recent EU ICT Research & Innovation;
- Funding opportunities: ICT 2015 will also be the place to gather information on the 2016-17 Work Programme of Horizon 2020.
- Many networking opportunities to enhance quality partnerships, help participants find partners, connect Research and Innovation and trigger collaboration;

In the policy conference the EC will present its high-level policies and strategies on ICT research and innovation. In the funding opportunities part of ICT 2015, the program officers, responsible for the various calls in H2020-ICT-2016, will provide important background information about their considerations and expectations concerning the topics in the calls that they are responsibility for.

Horizon 2020 Excellent Science Work Programs 2016-2017

Opportunities for performing more fundamental research in the ICT domain are available in the [Excellent Science Pillar of the H2020 program](#). The work programs 2016-2017 in this pillar are currently being prepared.

The Excellent Science Pillar comprises four programs, each serving a specific objective:

- [ERC](#)
The European Research Council (ERC) will provide attractive and flexible funding to enable talented and creative individual researchers and their teams to pursue the most promising avenues at the frontier of science, on the basis of Union-wide competition.
- [FET](#)
Future and emerging technologies (FET) will support collaborative research in order to extend Europe's capacity for advanced and paradigm-changing innovation. They will foster scientific collaboration across disciplines on radically new, high-risk ideas and accelerate development of the most promising emerging areas of science and technology as well as the Union-wide structuring of the corresponding scientific communities.
- [Marie Skłodowska-Curie Actions](#)
Marie Skłodowska-Curie Actions will provide excellent and innovative research training as well as attractive career and knowledge-exchange opportunities through cross-border and

cross-sector mobility of researchers to best prepare them to face current and future societal challenges.

- **RI**
Research infrastructure (including e-infrastructures) will develop European research infrastructure for 2020 and beyond, foster their innovation potential and human capital, and complement this with the related Union policy and international cooperation.

Most of these four programs have a generic character. Therefore there are ample opportunities also for the ICT domain to take part in these programs with proposals that match the scope of specific work programs and calls. Up-to-date versions of the relevant work programs will be made available on the [EIRICT Website](#).

The [ERC Work Programme 2016](#) has already been published. It contains the documentation for three calls:

1. ERC-2016-StG for ERC Starting Grants (Open for Project Proposals since 29 July 2015; Closing date for proposals is 17 November 2015)
2. ERC-2016-CoG for ERC Consolidator Grants (Open for Project Proposals on 15 October 2015; Closing date for proposals is 2 February 2016)
3. ERC-2016-AdG for ERC Advanced Grants (Open for Project Proposals since 24 May 2016; Closing date for proposals is 1 September 2016)

A draft version of the [FET Work Programme 2016-2017](#) contains details of the four main parts that the FET Programme consists of in this period:

- FET-Open – aiming at novel ideas for radically new technologies
- FET Proactive – boosting emerging technologies
- FET Proactive HPC – High Performance Computing
- FET FLAGSHIPS – tackling grand interdisciplinary science and technology challenges

The first calls for the FET program parts will open later this year. Please consult the draft of the FET Work Programme 2016-2017 for details (in the paragraphs entitled: “*Conditions for this call*”).

The [Draft Work Programme 2016-2017 for the Marie Skłodowska-Curie Actions](#) is also available. WP 2016 will consist of five calls for proposals, where each call covers a different aspect of the objectives of the Marie Skłodowska-Curie Actions.

Horizon 2020 Societal Challenges Work Programs 2016-2017

The excellence and impact chapters The H2020 Program aims to realize substantial progress on a number of societal challenges, identified by the EC. For these societal challenges, collectively covered in the Societal Challenges pillar of the H2020 program, also new work programs are being developed for the period 2016-2017. Links to the draft versions of these work programs, to the extent that they are available to us, are provided in the following list:

Societal challenges	Draft Work Program 2016-2017
Health, demographic change and wellbeing;	Work Programme 2016–2017 ‘Health, demographic change and wellbeing’
Food security, sustainable agriculture and forestry, marine and maritime and inland water research, and the Bioeconomy;	<i>Work Programme 2016-2017 not yet available</i>
Secure, clean and efficient energy;	Work programme 2016-2017 ‘Secure, Clean and Efficient Energy’
Smart, green and integrated transport;	Work Programme 2016–2017 ‘Smart, green and integrated transport’
Climate action, environment, resource efficiency and raw materials;	<i>Work Programme 2016-2017 not yet available</i>
Europe in a changing world - inclusive, innovative and reflective societies;	<i>Work Programme 2016-2017 not yet available</i>
Secure societies - protecting freedom and security of Europe and its citizens.	Work Programme 2016–2017 ‘Secure societies – Protecting freedom and security of Europe and its citizens’

The emphasis in the societal challenge work program is to realize practical progress on various aspects of each of the societal challenges. Hence, the focus is not on realizing new science and/or new technologies. These are covered in the H2020 pillars Excellent Science and Leadership in Enabling and Industrial Technologies (LEIT). However, the ICT domain provides many concepts and technologies that constitute important drivers for realizing progress in many application domains. Hence there will be many opportunities for applying various concepts and technologies from the ICT domain in projects in the context of the Societal Challenges.

Horizon 2020 - Cross-cutting activities (Focus Areas) Work Programme 2016 – 2017

In order to assure an integrated approach for innovation, H2020 develops work programmes and organizes related calls for a number of cross-cutting activities, that cover multiple technology and application domains. Currently a [Work Programme 2016-2017](#) is being developed that contains the following cross-cutting calls:

- Industry 2020 in the Circular Economy,
- Internet of Things, and
- Smart and Sustainable Cities.

Also these calls offer various opportunities for contributions from the ICT domain.

Course “How to Write the Impact of a Horizon 2020 Proposal”

The excellence and impact chapters constitute key elements in any successful project proposal. With a new round of H2020 calls upcoming, TU/e and TNO have invited Dr. Seán McCarthy of [Hyperion Ltd.](#) in Ireland to give his course “[How to Write the Impact of a Horizon 2020 Proposal](#)”. Dr. McCarthy has been involved in all aspects of European Research since 1980. He has been active as a researcher, research manager, research group leader, and company director. Today he specialises in helping organisations design and implement their European Research Strategies. This training is free

of charge for TU/e employees (normal fee € 475) and is highly recommended when you are planning to submit a Horizon 2020 proposal. The course will be given at TU/e on Thursday morning, 5 November 2015. If you want to participate send an email to [Karoline Duijvesz](#).

EIRICT Lunch Meeting: Preparing for the Horizon 2020 LEIT-ICT Calls 2016

On **Thursday, 17 September 2015**, we are organizing an EIRICT Lunch Meeting on the ICT-related topics in the new (third) round of calls for proposals in H2020.

In this lunch meeting Gerard Verschuren (Innovation Lab.) will review the results of the second round H2020 calls (closing mostly in April 2015), which became available recently. Next we will review the ICT-related topics that will be open in the upcoming 2016 round of calls in H2020.

Venue: **Filmzaal, De Zwarte Doos (Note: new location, due to level of interest for this meeting)**

Time: **Thursday, 17 September 2015, 12:15 PM – 13:30 PM**

If you wish to participate in this lunch meeting **please send a mail** to the [EIRICT secretariat](#), no later than **Thursday, September 10th** (in order to be able to reserve an adequate number of lunches).

EIT ICT Labs → EIT Digital

EIT ICT Labs becomes EIT Digital

On 3 June 2015, [EIT Knowledge and Innovation Community EIT ICT Labs announced that it changes its name and its brand to EIT Digital](#).

"We are European entrepreneurs driving digital innovation and education. EIT Digital is more in line with our identity, strategy and mission. The name is also easier to pronounce and enables us to build a stronger brand", says Willem Jonker, CEO of EIT Digital.

EIT Digital has the mission to foster digital technology innovation and entrepreneurial talent for economic growth and quality of life in Europe. It brings together entrepreneurs from a partnership of over 130 top European corporations, SMEs, start-ups, universities and research institutes. From the start of the KIC EIT ICT Labs, TU/e belongs to this partnership. For more information, visit www.eitdigital.eu.

New director of the Eindhoven node of EIT Digital



As of June 1st, 2015, Patrick Essers has become the new director of the Eindhoven node of EIT Digital, succeeding Patrick Strating in this role. Before joining EIT Digital, Patrick has been Program Director New Business Development & Innovations at Ericsson Telecommunicatie B.V. and has served as Secretary on the Board of IIP IC.

EIT Digital Master School

In the [previous issue of the EIRICT Newsletter](#), we reported on the two EIT Digital Master School (MS) programs (“Technical Majors” (TM)) that TU/e is involved in, Embedded Systems (ES) and Service Design and Engineering (SDE) and on the pioneering efforts of TU/e towards the creation of another EIT Digital MS program on Data Science (DS), that will start in the academic year 2015-2016.

Martijn Klabbers, who coordinated the creation of the TM DS in the EIT Digital MS from the start, has passed the banner on to Farideh Heidari (see picture below), who recently joined the Information Systems Group in the department of Mathematics and Computer Science.



The master education in EIT Digital’s MS constitutes a two-year program, where each year is spent in a different participating university. The first year constitutes the entry year, the second year is the exit year. Based on current insights in registrations, we expect for the academic year 2015-2016 as “entry students”: 19 in TM ES and 19 in TM DS. As “exit students” we expect 14 in TM ES and 7 in TM SDE. Since the TM DS is starting in the academic year 2015-2016 the first exit students in this track will appear in the academic year 2016-2017.

On October 22nd-24th, 2015 the annual kick-off event for the EIT Digital MS will take place. This time the event is organized the Eindhoven Node of EIT Digital and TU/e, and will take place in Eindhoven. Wil van der Aalst will deliver a keynote speech, introducing the TM DS.

EIT ICT Labs Doctoral School

In the [previous issue of the EIRICT Newsletter](#), we also reported on the EIT Digital Doctoral Training Center (DTC), which would start in 2015. However, the parties involved in the discussion on the setup and organization of the DTC in the Eindhoven Node of EIT Digital did not yet reach an agreement. Hence the institution of a DTC of EIT Digital Doctoral School in Eindhoven has been delayed. Parties are working towards an agreement. We will keep you posted on this.

EIT ICT Labs 2015 Activity Plan

Recently, the Partner Grant Agreement 2015 between EIT Digital and TU/e has been signed. In the [previous issue of the EIRICT Newsletter](#), we already reported on the substantial participation of TU/e in the Activity Plan of EIT Digital, both in the Technical Innovation and Business Development parts and in the Technical- and Entrepreneurship Education parts. Some adaptations in the tasks and the budgets involved took place. The two pictures below provide the current view on this.

Activity	Task	Partner Contact	EIT Funding	Co-Funding, Non-EIT		
13184	Business Development Accelerator	13184-A 1506	Activity Management	Wittkämper, D. (Dolf) dolf.wittkamper@eitdigital.eu	.00 €	
14262	Smart Urban Spaces: Intelligent Outdoor Lighting Systems	14262-A 1504	Big data infrastructure for city sensing	Holenderski, M. (Mike) m.holenderski@tue.nl	-24,40100 €	
14262	Smart Urban Spaces: Intelligent Outdoor Lighting Systems	14262-A 1505	Data analytics and data representation of distributed sensor network	Holenderski, M. (Mike) m.holenderski@tue.nl	-32,535.00 €	
14262	Smart Urban Spaces: Intelligent Outdoor Lighting Systems	14262-A 1507	Integration and deployment into test bed	Holenderski, M. (Mike) m.holenderski@tue.nl	-8,134.00 €	
14498	RICH - Reliable Ip for time synchronized Channel Hopping networks	14498-A 1501	RICH Technology Stack	Exarchakos, G. (George) g.exarchakos@tue.nl	-37,280.00 €	
14498	RICH - Reliable Ip for time synchronized Channel Hopping networks	14498-A 1502	RICH Experimentation and Validation	Exarchakos, G. (George) g.exarchakos@tue.nl	-37,280.00 €	
14498	RICH - Reliable Ip for time synchronized Channel Hopping networks	14498-A 1505	RICH Exploitation	Exarchakos, G. (George) g.exarchakos@tue.nl	-18,600.00 €	
14609	Professionals Fit to Perform	14609-A 1501	07B Algorithm and metric FUMO development	Sidorova, N. (Natalia) n.sidorova@tue.nl	-194,864.00 €	-200,000.00 €
14609	Professionals Fit to Perform	14609-A 1505	08B Claim validation of the metric	Sidorova, N. (Natalia) n.sidorova@tue.nl	-82,364.00 €	
14609	Professionals Fit to Perform	14609-A 1508	12B Business Development and Technology Adoption	Terken, J.M.B (Jacques) J.M.B.Terken@tue.nl	-15,932.00 €	
15014	Decentralized Micro Grid Infrastructure Innovation Center	15014-A 1507	Task 4.2: MSG Controller Integration	Kamphuis, I.G. (René) rene.kamphuis@tno.nl	-80,000.00 €	
15024	GameBus: social health games	15024-A 1501	1. Requirements, Pilots and User Experience Evaluation	Van Gorp, P.M.E. (Pieter) p.m.e.v.gorp@tue.nl	-35,258.00 €	
15024	GameBus: social health games	15024-A 1502	2. Technology transfer of GameBus Base Infrastructure	Van Gorp, P.M.E. (Pieter) p.m.e.v.gorp@tue.nl	-78,17100 €	
15024	GameBus: social health games	15024-A 1503	3. Detailed Business Modeling for GameBus	Van Gorp, P.M.E. (Pieter) p.m.e.v.gorp@tue.nl	-34,758.00 €	
15024	GameBus: social health games	15024-A 1505	5. Technology Transfer of GameBus Components for Cognitive Health	Van Gorp, P.M.E. (Pieter) p.m.e.v.gorp@tue.nl	-14,979.00 €	
15024	GameBus: social health games	15024-A 1506	6. Technology transfer of GameBus Components for Physical Health	Van Gorp, P.M.E. (Pieter) p.m.e.v.gorp@tue.nl	-51,678.00 €	
15108	Better nights, fresh days	15108-A 1503	Development of sleep staging algorithms	Sidorova, N. (Natalia) n.sidorova@tue.nl	-100,000.00 €	
		Year Total			-846,234.00 €	-200,000.00 €

TU/e participation in the Technical Innovation and Business Development parts of the Activity Plan 2015 of EIT ICT Labs.

Activity		Task		Partner Contact	EIT Funding	Co-Funding, Non-EIT
1181	Technical Major Embedded Systems	1181-A 504	ES Education at TU/e	Luttik, B. (Bas) s.p.luttik@tue.nl	-87,500.00 €	-27,500.00 €
1189	Technical Major Service Design and Engineering	1189-A 501	EIT Support for Master School Technical Major SDE	van Dongen, B.F. van (Boudewijn) b.f.v.dongen@tue.nl	-48,000.00 €	-26,000.00 €
1308	EIT Label I&E Education	1308-A 501	I&E education of doctoral students	Brand, M.G.J. van den (Mark) m.g.j.v.d.brand@tue.nl	-50,000.00 €	
14358	EIT ICT Labs Open Online Education Program	14358-A 501	Cross-KIC European MOOC Platform	Post, R. D. J. (Reinier) r.d.j.post@tue.nl	-155,000.00 €	
14358	EIT ICT Labs Open Online Education Program	14358-A 502	Online I&E content on the EIT ICT Labs LMS	Kerstens, N.M.J.M. (Nathalie) n.m.j.m.kerstens@tue.nl	-130,000.00 €	
14358	EIT ICT Labs Open Online Education Program	14358-A 503	First year online ICT Labs Embedded Systems Master in Coursera	Cuijpers, P.J.L. (Pieter) p.j.l.cuijpers@tue.nl	-85,000.00 €	
14358	EIT ICT Labs Open Online Education Program	14358-A 504	Cross-KIC Courses - ICT Labs Specific Online Course	Beemt, A. van den (Antoine) a.a.j.v.d.beemt@tue.nl	-55,000.00 €	
14358	EIT ICT Labs Open Online Education Program	14358-A 505	Cross-KIC Courses - ICT Labs & InnoEnergy Online Course	Klabbers, M.D. (Martijn) m.d.klabbers@tue.nl	-10,000.00 €	
14358	EIT ICT Labs Open Online Education Program	14358-A 506	Cross-KIC Courses - ICT Labs & Climate KIC Online Course	Beemt, A. van den (Antoine) a.a.j.v.d.beemt@tue.nl	-25,000.00 €	
14358	EIT ICT Labs Open Online Education Program	14358-A 507	Cross-KIC Courses - Management	Klabbers, M.D. (Martijn) m.d.klabbers@tue.nl	-20,000.00 €	
15327	Technical Major Data Science (Master Program)	15327-A 501	Coordinating the EIT ICT Labs DSc Technical Major	Heidari, F. (Farideh) f.heidari@tue.nl	-50,000.00 €	
15327	Technical Major Data Science (Master Program)	15327-A 502	Data Science I&E Entry Courses at UPM, UNS, TU/e	Klabbers, M.D. (Martijn) m.d.klabbers@tue.nl		-10,000.00 €
15327	Technical Major Data Science (Master Program)	15327-A 503	Data Science Technical Entry Courses at UNS, UPM, and TU/e	Klabbers, M.D. (Martijn) m.d.klabbers@tue.nl	-23,333.00 €	
15327	Technical Major Data Science (Master Program)	15327-A 504	Online I&E on legal and ethics aspects	Klabbers, M.D. (Martijn) m.d.klabbers@tue.nl		-25,000.00 €
15327	Technical Major Data Science (Master Program)	15327-A 505	Data Science Exit Courses at TU/e, UNS, UPM, TUB, KTH, Polimi	Klabbers, M.D. (Martijn) m.d.klabbers@tue.nl		-20,000.00 €
15327	Technical Major Data Science (Master Program)	15327-A 506	Marcom for the DSc Technical Major and Legal documents for consortium agreements	Klabbers, M.D. (Martijn) m.d.klabbers@tue.nl	-10,000.00 €	.00 €
15437	Team building and students related activities	15437-A 501	Summer School Support		.00 €	
15437	Team building and students related activities	15437-A 502	Kick Off		.00 €	
		Year Total			-748,833.00 €	-108,500.00 €

TU/e participation in the Technical- and Entrepreneurship Education parts of the Activity Plan 2015 of EIT ICT Labs.

EIT Digital 2016 Activity Plan Planning Process: new rules

In a mail of May 22nd, 2015, we informed you about two important observations from the presentation [Call 2016 – Financial and Administrative Aspects](#) that Stan Smits, COO of EIT Digital, presented in the 2015 EIT ICT Labs Partner Event in Trento with the launch of the call for proposals for Activities in 2016:

- Co-funding: Minimally 25% of the declarable costs for a regular Activity have to be contributed as co-funding. For participation in a so-called High-Impact Initiative (HII) the co-funding contribution is even minimally 50%.
- Level of Engagement: In a regular Activity an individual team member has to be involved for at least 50% of his/her time and an Activity Leader for at least 80%. For participation in a HII Activity an individual team member has to be involved for at least 80% of his/her time and an Activity Leader for 100%.

These are both new rules that, according to EIT ICT Labs, will apply as of 2016. The following provides further detail about Co-funding.

- Co-funding is the part of your declarable costs that do not get funded by EIT ICT Labs.
- The co-funding contribution can be covered by own (TU/e) resources, national funding or any other source of finance.
- The minimal co-funding levels have to apply at Activity level. In principle, an uneven distribution of co-funding among partners in an Activity is possible. However, it is safe to assume that every partner will be confronted with the same minimum percentage.

- The declarable costs are 125% of the direct costs (salary costs, materials, travel, ...). Because of the minimally 25% co-funding (50% in the HII case), you get only about maximally 94% funding for your direct costs (maximally 62.5% in the case of a HII).
- This means that for regular staff, you can consider the funding as income that would not be generated if there was no contract (but: consider the remark below about the required level of engagement). But if TU/e has to hire temporary staff in order to execute its Task(s) in an Activity, this will be loss-giving.

Level of engagement.

- Also this is a new rule. It has been introduced to avoid people in Activities that are not seriously engaged and that put an uneven burden on the limited funding resources of EIT Digital.
- How strict this rule will be applied is not yet clear. But it is safe to take it seriously and in case of doubt to consult the Leader of your Activity and/or EIT Digital.
- It will mean that for many regular staff members it will not be feasible to participate in an Activity of EIT Digital.

All-in-all, these new rules make it more difficult and less attractive to participate in the Activities of EIT ICT Labs.

EIT Digital 2016 Activity Plan Planning Process: first results

The deadline for submission of proposals for the EIT Digital Activity Plan was on May 22nd, 2015. Recently we received first indications of the results of the internal evaluation process of EIT Digital of the submitted proposals.

The total budgeted costs of the TU/e proposals for 2016 for Tasks in Activities in EIT Digital amount 2,196 k€. Of these costs, 796 k€ is associated with innovation activities in the technical Action Lines of EIT Digital and 180 k€ with business development activities. The remaining 1,230 k€ of budgeted costs are associated with educational activities, which emphasizes the shift towards educational activities in the relation between TU/e and EIT Digital. This becomes further apparent when we consider the intermediate outcome of the internal reviewing process of EIT Digital of the 2016 proposals. The review process awards 4 different rankings to proposals (A, B, C, X), with decreasing levels of chances for acceptance (A means “likely accepted fully”, X means “not accepted”). If we add the budgeted costs of the proposals awarded A or B and disregard proposals awarded C or X, then 434 k€ of the proposed 796 k€ for innovation activities in the technical Action Lines is likely to be accepted. Of the 434 k€ currently 175 k€ is indicated as co-funding, corresponding to a co-funding level of 40%! For the educational activities, this picture is quite different. The total costs associated with educational activities awarded A or B amounts to 1,217 k€, which means that almost all proposed educational activities are likely to be accepted and funded. The indicated co-funding level for these activities is 20% on average.

The outcomes of the reviewing process will now be used by the management of EIT Digital to prepare a proposal for an EIT Digital Activity Plan 2016 for review by the umbrella organization EIT.

New & open Calls

NWO

1. [Big Software](#): Software in Big Data context. (Open for Project Proposals; Closing date: 15 September 2015)
2. [Era-net Transport Flagship 2015 Call - Sustainable Logistics and Supply Chains](#). (Open for Project Proposals; Closing date: 2 October 2015)
3. [Innovatieve publiek-private samenwerking in ICT \(IPPSI\) - Kennis Innovatie Mapping \(KIEM\)](#). (Open for Project Proposals; Closing date: 6 October 2015)
4. [Smart Urban Regions of the Future \(SURF\)](#). (Open for Project Proposals; Closing date: 8 September 2015)

STW

1. [Open Technologieprogramma](#). (Open for Project Proposals; No particular closing date).
2. [Partnership STW-Hartstichting](#). (Open for Project Proposals; Closing date for pre-proposals: 14 September 2015; Closing date for full proposals is 15 December 2015)

H2020

A new round of calls for the 2016 part in the Work Programs 2016-2017 of H2020 is about to be launched. In the ICT domain, the most important calls are those in the context of the Horizon 2020 LEIT-ICT Program (see the section in “Horizon 2020 LEIT-ICT Work Program 2016-2017” above in this newsletter). The official launch of these call will take place in October 2015.

For information about calls in the programs of the [H2020 Excellent Science Pillar](#), please consult the section “Horizon 2020 Excellent Science Work Programs 2016-2017” above.

ITEA 3

ITEA 3 Call 2 (2015-2016) (Call opens on 22 September 2015; Closing date for Project Outlines (PO) is 30 October 2015 and that for the Full Project Proposals (FPP) is 9 February 2016).

ECSEL

ECSEL-2015-1 (for RIA's) and ECSEL-2015-2 (for IA's) (Calls opened on 17 March 2015; Closing date for Project Outlines was 12 May 2015. The deadline for Full Project Proposals (FPP) is on 8 September 2015).

See also: [TU/e Research Support Office Newsletter #54, 2015-07](#)

Upcoming Events

17-18 September 2015

3TU.NIRICT Community Building Event 2015

For further information and registration please contact [Sander Stuijk](#).

17 September 2015 (12:15 PM – 13:30 PM)

EIRICT Lunch Meeting: Preparing for the Horizon 2020 LEIT-ICT Calls 2016

Filmzaal, De Zwarte Doos (**Note: new location, due to level of interest for this meeting**)

22-23 September 2015

[ITEA 3 Call 2 \(2015-2016\) Project Outline \(PO\) Preparation Meeting](#) (Fully booked!)

Brussels, Belgium

22 September 2015

[Holland High Tech Roadmap event](#)

Congrescentrum 1931 (nabij de Brabanthallen), 's-Hertogenbosch

20-22 October 2015

[ICT 2015 - Innovate, Connect, Transform](#) (Official launch of the H2020-ICT-2016 calls)

Lisbon, Portugal.

2 November 2015

[Symposium about the revised National Cyber Security Research Agenda \(NCSRA\)](#)

New Babylon in The Hague.

Johan Lukkien

Peter van Otterloo