



INTERUNIVERSITY CENTRE
FOR EDUCATIONAL RESEARCH

Annual report 2017

COLOFON

Maastricht University
Caroline Vonk, Executive Secretary ICO
www.ico-education.nl

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1. Introduction

This report gives a summary of the activities of ICO, the Interuniversity Centre of Educational Sciences¹, in 2017.

The Interuniversity Centre for Educational Sciences (ICO) unites all research in the domain of educational sciences in the Netherlands and a substantial and increasing part of the research in Belgium. ICO is flourishing, with a growing group of contributing universities and members. ICO has three main objectives: First, promoting the quality of postgraduate education for PhD candidates doing scientific research in the educational sciences. Secondly, organizing courses, lectures, seminars, symposia, colloquia and joint publications. Thirdly, stimulating internationalization and international collaboration within the research area.

ICO is formally recognized as a research school by the Royal Netherlands Academy of Arts and Sciences (KNAW). In 2012 ICO was re-accredited for the period 2012-2018.

According to the Policy Agenda for 2015-2018, ICO intends to improve the educational programme on several points: More attention will be given to ethics and integrity within the ICO courses. With the growing number of PhD members, also the diversity has increased. This brings opportunities, because the various PhD members can learn from each other, but it also forms a challenge in organizing all courses to every ones needs. A short online course on the basics of educational science has been set up in 2016 to help those with no background in educational sciences. Also, more blended learning forms are being used to help those who have a part time appointment for their research. In the meantime, ICO has been working on increasing the flexibility of the courses in 2017.

In 2017, ICO organized a National Spring School in Utrecht where senior and junior researchers within the educational sciences in the Netherlands and Belgium could meet, present their work, and discuss the educational programme of ICO with the Theme Group coordinators. ICO has strengthened its international liaisons with the preparation of the ICO International Spring School together with Universities of Tübingen (Germany) and Turku (Finland).

Prof. Dr. Diana Dolmans
Scientific Director



Prof. Dr. Liesbeth Kester
Educational Director



Drs. Caroline Vonk
Executive Secretary



¹ In Dutch: Interuniversitair Centrum voor Onderwijswetenschappen

2. Organization

In 2017 research units of sixteen universities contributed to ICO. The participating research units of these universities were:

Eindhoven University of Technology	• Eindhoven School of Education (ESoE)
Erasmus University Rotterdam	• Erasmus School of Social and Behavioural Sciences
Ghent University	• Faculty of Psychology and Educational Sciences
KU Leuven	• Faculty of Psychology and Educational Sciences, Education and Training
Leiden University	• Leiden University Graduate School of Teaching (ICLON)
	• Faculty of Social and Behavioural Sciences, Education Sciences
Maastricht University	• Faculty of Health, Medicine and Life sciences
	• School of Business and Economics
Open University of the Netherlands	• Faculty of Psychology and Educational Sciences
	• Faculty of Management, Science and Technology
Radboud University Nijmegen	• Radboud Docenten Academie
	• Department of Educational Sciences
Université Catholique de Louvain	• Faculté de psychologie et des sciences de l'éducation
University of Amsterdam	• Faculty of Social and Behavioural Sciences (FMG)
	• Afdeling Pedagogische en Onderwijswetenschappen
University of Antwerp	• Instituut voor Onderwijs- en Informatiewetenschappen
University of Groningen	• Faculty of Behavioural and Social Sciences
	• Groningen Institute for Educational Research (GION)
	• Research & Evaluation of Educational Effectiveness; Teaching & Teacher Education
	• Developmental and behavioural disorders in education and care: assessment and intervention
University of Twente	• Faculty of Behavioural, Management and Social Sciences
Utrecht University	• Centre for Education and Learning Utrecht University (COLUU)
Vrije Universiteit Amsterdam	• Faculty of Behavioural and Human Movement Sciences
	• The Institute for Education and Training, VUmc School of Medical Sciences
Wageningen University	• Education and Competence Studies

The ICO Office

The ICO office includes the scientific and educational management of ICO. The Scientific Director and Educational Director are primarily responsible for the daily management of ICO. They are assisted by the Executive Secretary at the ICO office.

ICO Scientific and Educational Management

Starting September 2016, Prof. Dr. Diana Dolmans and Prof. Dr. Liesbeth Kester constitute the directorate of ICO. Professor Dolmans, formerly ICO's Educational Director, as Scientific Director, and Professor Kester in the role of Educational Director. The ICO Directorate is supported by executive secretary Drs. Caroline Vonk.

Scientific management

Director	Prof. Dr. D.H.J.M. Dolmans Maastricht University Universiteitssingel 60 6229 ER Maastricht
Executive secretary	Drs. C. Vonk Maastricht University – Utrecht University Visiting address: Afdeling Educatie Martinus J. Langeveldgebouw Heidelberglaan 1 3584 CS UTRECHT

Educational management

Director	Prof. Dr. Liesbeth Kester Utrecht University Afdeling Educatie Martinus J. Langeveldgebouw Heidelberglaan 1 3584 CS UTRECHT
Executive Secretary	Drs. C. Vonk Maastricht University – Utrecht University Visiting address: Afdeling Educatie Martinus J. Langeveldgebouw Heidelberglaan 1 3584 CS UTRECHT

ICO Governing Board

For the daily management, the directors of ICO are supported by a governing board that consists of one representative from each participating university. Generally, the governing board meets once every two months. In the governing board, the long term plans, the educational program, the annual report, and the financial planning are prepared. In 2017 there were four meetings of the governing board.

Governing Board	31-12-2017
Prof. Dr. D. Beijaard (Douwe)	Eindhoven University of Technology
Dr. B. de Koning (Björn)	Erasmus University Rotterdam
Prof. Dr. H. Van Keer (Hilde)	Ghent University
Prof. Dr. R. Janssen (Rianne)	KU Leuven
Prof. Dr. F.J.J.M. Janssen (Fred)	Leiden University
Dr. A.B.H. de Bruin (Anique)	Maastricht University
Prof. Dr. L.F.J.M. Brand-Gruwel (Saskia)	Open University of the Netherlands
Prof. Dr. I. Raemdonck (Isabel)	Université Catholique de Louvain
Prof. Dr. F.J. Oort (Frans)	University of Amsterdam
Prof. Dr. D. Gijbels (David)	University of Antwerp
Prof. Dr. J.W. Strijbos (Jan-Willem)	University of Groningen
Dr. K. Schildkamp (Kim)	University of Twente
Prof. Dr. T. van Gog (Tamara)	Utrecht University
Prof. Dr. M. Meeter (Martijn)	Vrije Universiteit Amsterdam

Dr. H.J.A. Biemans (Harm)
 Prof. Dr. P.C. Meijer (Paulien) (Chair)
 R. Kickert (Rob)

Wageningen University
 Radboud Universiteit Nijmegen
 Chair ICO Educational Committee/Erasmus University
 Rotterdam

ICO Scientific and Examinations committee

The Scientific and Examinations committee is responsible for the evaluation of PhD research proposals, the monitoring of the progress of the projects, the admittance of ICO members, the evaluation of exemption requests, and the Shorter Educational Activity (SEA)- applications. In 2016 there were four meetings of the Scientific and Examinations committee.

Scientific and Examination committee

31-12-2017

Prof. Dr. D.H.J.M. Dolmans (Diana)	Maastricht University
Prof. Dr. H. van Keer (Hilde)	Ghent University
Prof. Dr. L. Kester (Liesbeth)	Utrecht University
Prof. Dr. D. Beijaard (Douwe)	Eindhoven University of Technology

Project proposals, exemption requests and SEA's

In 2017, 66 new project proposals were discussed by the committee (25% more than in 2016). Of the proposals discussed, 7 of the proposals had to be revised before the committee agreed upon approval of the projects. Besides the project proposals, the committee discussed and approved of 21 exemption requests and three Shorter Educational Activities.

ICO Educational committee

The PhD students of ICO are represented in an educational committee. The Educational Committee is concerned with the quality of the education program. It discusses evaluations of the courses and master classes and makes suggestions for improvements. Furthermore, it has an advisory function with regard to the aims and components of the educational programme. Each university in ICO is represented by one or two PhD students. This committee discusses matters related to the training and education that is offered by ICO. In 2016 there were three meetings of the Educational Committee.

Educational committee

31-12-2017

Member 1	Member 2	University
Bram Vaessen		Eindhoven University of Technology
Rob Kickert (chair)	Marloes Nederhand	Erasmus University Rotterdam
Ruth Boelens		Ghent University
Stijn Van Laer		KU Leuven
Loes de Jong		Leiden University
Michael Hoven	Sanne Rovers	Maastricht University
Martine Schophuizen		Open University of the Netherlands
Marloes Schrijvers		University of Amsterdam
Edwin Slijkhuis		University of Groningen
Tim Post	Marjoleine Dobbelaer	University of Twente
Monika Donker	Eva Janssen	Utrecht University
Petrie van der Zanden	Ellen van den Broek	Radboud University Nijmegen

ICO Counsellor

ICO PhD students who encounter difficulties during their research project or with an ICO course can call the ICO Counsellor for advice. Also ICO post doc members and ICO staff members can contact the ICO counsellor for advice on ICO related matters.

Counsellor

Prof. Dr. Jules Pieters

Twente University

e-mail: J.M.Pieters@utwente.nl

ICO Scientific Advisory Board

The ICO Scientific Advisory board advises the ICO Governing Board and the ICO Directors on ICOs long term plans, which include research goals, quality management for research, and quality management for the educational program.

Scientific Advisory Board of ICO

Prof. Dr. J.J.H. van den Akker (Jan) - Chair

Prof. Dr. B.H.A.M. van Hout-Wolters (Bernadette)

Prof. Dr. J. Lowyck (Joost)

Prof. Dr. M.J.M. Vermeulen (Marc)

Dr. K. Kwakman (Kitty)

Thematic groups

ICO's themes are affiliated with the divisions of the VOR, the Dutch Association for Educational Research, and reflect the current scope of the educational research in the Netherlands and Flanders. Each theme group is chaired by one or two staff members, and a PhD member: the theme group coordinators. They are responsible for the organisation of the thematic courses and for the workshops and theme group-related events during the Spring Schools.

The Theme Group Coordinators meet once a year, to exchange experiences, and share information.

Thematic groups 2017

Coordinators

T1	Learning and Instruction	Dr. Björn de Koning (EUR) Dr. Tessa Eysink (UT) Eva Janssen (PhD, UU)
T2	ICT and Education	Dr. Jeroen Janssen (UU) Prof. Dr. Bram de Wever (UG) Stijn Van Laer (PhD, KUL)
T3	Workplace Learning	Dr. Renate Wesselink (WUR) Dr. Simon Beausaert (UM) Prof. Dr. Elly de Bruijn (UU) Michael Hoven (PhD, UM)
T4	Teaching and Teacher Education	Prof. Dr. Jan van Tartwijk (UU) Prof. Dr. Wilfried Admiraal (LU) Loes de Jong (PhD, LU)
T5	Domain Specific Instruction	Prof. Dr. Carla van Boxtel (UvA) Dr. Arthur Bakker (UU) Sharisse van Driel (PhD, OU) Rosa Alberto (PhD, UU)
T6	Educational Design and Curriculum development	Prof. Dr. Saskia Brand-Gruwel (OU) Prof. Dr. Susan McKenney (UT) Ruth Boelens (PhD, UG)

T7	Schools and the societal context of education	Dr. Anneke Timmermans (RUG) D.r Bieke De Fraine (KUL) Marinda Spithoff (PhD, RUG)
T8	Assessment, evaluation and examination	Dr. Judith Gulikers (WU) Dr. Liesbeth Baartman (UU)
T9	Higher Education	Dr. Roeland van der Rijst (LU) Dr. Ann Stes (UA) Mayke Vereijken MSc (PhD, LU)
T10	Neuroscience and Education	Renate de Groot (OU) Nienke van Atteveldt (VU) Anne de Bruijn (PhD, RUG)

3. Educational program

Structure and organization

A distinction is made between two classes of research competences: thematically or domain-oriented, and methodological. The thematically oriented master classes are initiated by the thematic groups in a two or three-year scheme, taking into account the need of students. The master classes are complemented by an introduction course, and the biennial ICO National and International Spring Schools.

The ICO Educational program includes both compulsory and elective activities. For the part time PhD Members the compulsory activities consist of the Introductory course (5 ECTS) and attending one Spring School (either International or National); Compulsory activities for regular PhD candidates are the Introductory course (5 ECTS), the National Spring School (1 ECTS), the International Spring School (3 ECTS); and at least two thematic master classes (3 ECTS each) and one methodological master class (3 ECTS). PhD members can ask for exemption of the compulsory thematic and methodological courses by handing in proof of attendance of substitute courses according to the ICO Exemption Regulations.

ICO Courses 2017

Course n°	Thematic Courses & Organizers	Dates
17-T8	A collection of innovative developments in assessment, evaluation and examination Dr. Judith Gulikers, Dr. Liesbeth Baartman a.o.	April 10-11 May 8-9
17-T6	Research on whole-task models in education Prof. Dr. Saskia Brand-Gruwel, Prof. Dr. Jeroen van Merriënboer	April 18-19 May 15-16
17-T10	Neurosciences and Education: Complementary not competing sciences Prof. Dr. Renate de Groot, Dr. Nienke van Atteveld, Anne de Bruijn	November 16 December 14, 2017 February 1, 2018

Course n°	General Courses & Organizers	Dates
17-MQL	Master class Qualitative Research Dr. Jacobiene Meirink , Dr. Rosanne Zwart , Dr. Helma Oolbekkink	March 9, March 17, April 6-7
17-ICS	Introductory Course Spring 2017 Prof. Dr. Diana Dolmans	April 11 2017, May 11-12, 2017
17-ICF	ICO Introductory Course Fall Prof. Dr. Liesbeth Kester, Prof. Dr. Diana Dolmans, Dr. Anique de Bruin, Prof. Dr. Jos Beishuizen	November 6 December 14-15, 2017
17-MQN	Multilevel analysis with SPSS Prof. Dr. Huub van den Bergh, Prof. Dr. Sven de Maeyer	October 4,5,6 2017
17-MQL (Fall)	Master class Qualitative Research Dr. Lucy Avraamidou, Dr. Jeroen Imants, Dr. Jasperina Brouwer	November 2-3,30 December 1

17-BES	Learning and Instruction: Basics and Beyond Prof. Dr. Jos Beishuizen	Online course Start September 2017
17-NSS	National Spring School 2017 - Utrecht	April 20-21, 2017

Quality assurance

ICO is responsible for the quality assurance and the on-going evaluation and monitoring of the educational program. All master classes in 2016 were evaluated by the PhD candidates, who filled out a questionnaire (5 point Likert Scale; 1=disagree - 5= agree) at the end of the master classes . Based on the collected data for each master class an evaluation report was prepared. The teachers of a course are required to respond to the evaluation report, and to give their opinion on the course about issues that need improvement. The report and the teachers comments were discussed during the ICO Education Committee meetings and were presented to the ICO Management. The reports and all comments on the reports are send to the coordinators to improve future courses.

Course evaluations 2017

course number	01 - the content of this course corresponds with the information on the ICO Website	02 - The time for preparation was sufficient.	03 - The literature was up-to-date	04 - I find the content of the course relevant	05 - working on the assignments contributed to a better understanding of the topic covered	06 - the teachers stimulated active participation of the participants	07 - the teachers were experts on the topics discussed	08.a. - I received useful feedback on the assignments from the tutors	08.b. - I received useful feedback on the assignments from my peers	09 -There was a balance between panel, individual and group forms of work	10 - The course was well time scheduled.	11 - This course will have an effect on my research or on my professional development	12 - Overall, this course was well organized	13 - Overall, I learnt a lot from this course	AVERAGE Score	14 - The workload of this course was (1= too low, 2 = adequate, 3= too high)	15 - the number of participants in this course was (1= too low, 2 = adequate, 3= too high)	AVERAGE Score
17-T8	4,38	4,38	4,63	4,50	3,88	4,13	4,63	4,17	3,83	3,50	4,00	4,50	4,25	4,50	4,23	2,00	2,00	2,00
17-T6	4,00	4,70	4,40	4,33	4,10	3,80	4,70	4,10	3,30	3,80	4,00	4,11	3,90	3,90	4,08	1,90	1,90	1,90
17-T10	4,5	4,25	4,5	4,5	4,25	4,75	4,5	4,75	4,75	3,25	4,25	4,5	4,5	4,5	4,58	2,00	2,00	2,00
17-MQL (S)	4,57	4,30	4,64	4,95	4,70	4,87	4,70	3,94	4,14	4,48	4,78	4,65	4,74	4,64	4,58	2,00	2,00	2,00
17-ICS	4,07	3,93	3,86	4,14	3,93	4,50	4,50	4,00	4,14	4,07	3,71	3,93	4,50	3,64	4,07	2,21	2,00	2,11
17-ICF	4,45	4,10	3,81	4,07	3,86	4,59	4,31	3,27	4,17	4,24	3,76	3,93	4,14	3,52	4,02	2,07	2,31	2,19
17-MQN	4,75	4,25	3,86	4,88	4,75	4,75	4,88	4,57	3,86	3,88	4,00	4,50	4,13	4,63	4,40	2,13	1,88	2,00
17-MQL (F)	4,17	3,23	4,08	3,92	4,31	3,46	4,29	3,58	3,82	3,71	3,43	4,14	3,29	3,71	3,80	1,62	2,08	1,85

4. ICO Monitor

In order to get insight into the progress of the individual PhD students, every year all ICO PhD students have to fill out a short questionnaire - the ICO PhD Monitor. The results serve to signal ways in which ICO can help to prevent delay in thesis research projects. An anonymized report of the completed questionnaires is being discussed in ICO's scientific committee. Based on the ICO Monitor the Scientific Director will be in contact with PhD Students who experience a major delay, to guide them through the difficulties they have experienced in their progress.

December 2017, 161 (former) PhD members received the invitation to fill in the ICO Monitor, of which 19 have not responded without a good reason (a good reason being e.g. pregnancy leave, illness, no longer employed at university, etc.). 142 people did respond (88%).

Of the respondents, 39 had a part time appointment in 2017 (<0,8 FTE), of which 5 originally had a full time appointment at the start of their project. These 5 PhDs will be regarded as "Full Time ICO PhD Members" in the table below.

	2013	2014	2015	2016	2017		
					Part time	Full Time	
Responded to invitation	113 (83%)	124 (91%)	138 (91%)	142 (90%)	142 (88%)	34 (24%)	108 (76%)
Minor delay	21 (19%)	13 (10%)	31 (22%)	27 (19%)	23 (16%)	8 (5%)	15 (10%)
Major delay (> 6 months)	8 (7%)	15 (12%)	13 (9%)	23 (16%)	11 (7%)	1 (1%)	6 (4%)

Major delays

Of all PhD members with a major delay, the delay is due to delays earlier in their project, and they have already been in contact with ICO about this delay on the basis of previous ICO Monitors. Of the projects with a major delay, for 7 projects expect to finish their project in 2018. None of these PhD's feel the need to be contacted by ICO. They have already worked on solutions to prevent any further delays with their supervision team.

Requests for contact with ICO

We have asked the respondents if they would like to be contacted by ICO about their progress. In total four PhD's with no delay or a minor delay did indicate they would like to talk to ICO. The ICO Scientific Director will contact them, and if necessary, refer them to the ICO Counsellor.

Given causes for delays:

- Rewriting/updating/changing the original research plan takes time
- Data-collection issues
- Planning issues
- Other tasks are time consuming (teaching / other project)
- Illness/personal issues/maternity leave
- The supervisors not familiar with subject
- The supervisors do not get along
- New supervisors or changes in the supervision team
- The supervisors are too busy
- Too many supervisors in one team
- Too many meetings with the supervisors have been planned

Most PhDs are happy with their supervisors although the tight schedules of the promotor are an issue for several PhD's.

Publications

At the end of the PhD projects, an average of 4 publications are planned. A few plan to have more than 6 publications.

5. PhD Graduations 2017

1. Baggen, Y. (13-01-2017). *LLIGHT 'in' Europe - Lifelong Learning, Innovation, Growth and Human capital Tracks in Europe*. Wageningen: Wageningen University.
2. Wouters, A. (09-02-2017). *Effects of medical school selection. On the motivation of the student population and applicant pool*. Amsterdam: VU Medisch Centrum.
3. Baas, D.M. (01-05-2017). *Assessment for Learning: more than a tool*. Maastricht: Maastricht University.
4. Pennings, J.M. (04-05-2017). *Interpersonal dynamics in teacher-student interactions and relationships*. Utrecht: Utrecht University.
5. Lans, R.M. (18-05-2017). *Teacher evaluation through observation*. Groningen: University of Groningen.
6. Grohnert, T. (18-05-2017). *Judge/Fail/Learn; enabling auditors to make high-quality judgments by designing effective learning environments*. Maastricht: Maastricht University.
7. Brouwer, J. (22-05-2017). *Connecting, interacting and supporting. Social capital, peer network and cognitive perspectives on small group teaching*. Groningen: University of Groningen.
8. Van Lankveld, T.A.M. (20-06-2017). *Strengthening medical teachers' professional identity. Understanding identity development and the role of teacher communities and teaching courses*. Amsterdam: Vrije Universiteit Amsterdam.
9. Janssen, N. (23-06-2017). *Supporting teachers' technology integration in lesson plans*. Enschede: University of Twente.
10. Tuithof, J.I.G.M. (23-06-2017). *The characteristics of Dutch experienced history teachers' PCK in the context of a curriculum innovation*. Utrecht: Utrecht University.
11. Van Waes, S. (23-06-2017). *The ties that teach: Teaching networks in higher education*. Antwerp: University of Antwerp.
12. Evens, M. (30-06-2017). *Pedagogical content knowledge of French as a foreign language: Unraveling its development*. Leuven: KU Leuven.
13. Moses, I. (07-09-2017). *Student-teachers' commitment to teaching*. Leiden: Leiden University.
14. Wansink, B.G.J. (15-09-2017). *Between fact and interpretation. Teachers' beliefs and practices in interpretational history teaching*. Utrecht: Utrecht University.
15. Binkhorst, F. (20-10-2017). *Connecting the dots. Supporting the implementation of Teacher Design Teams*. Enschede: University of Twente.
16. Stoel, G.L. (14-11-2017). *Teaching towards historical expertise. Developing students' ability to reason causally in history*. Amsterdam: University of Amsterdam.
17. Van der Veen, M. (28-11-2017). *Dialogic classroom talk in early childhood education*. Amsterdam: Vrije Universiteit Amsterdam.
18. Frèrejean, J. (08-12-2017). *Instruction for information problem solving*. Heerlen: Open University of the Netherlands.
19. Rezende Da Cunha Junior, F. (19-12-2017). *Online groups in secondary education*. Amsterdam: Vrije Universiteit Amsterdam.
20. Van Dijk, A.M. (22-12-2017). *Learning together in mixed-ability elementary classrooms*. Enschede: University of Twente.

6. ICO Members

ICO Members dated 31-12-2017

	2012		2013		2014		2015		2016		2017	
	n	FTE	N	FTE	n	FTE	n	FTE	n	FTE	n	FTE
Staff member	183	59.2	207	68.3	217	86.5	227	89	236	80.8	249	94.7
Postdoc member	25	12	34	16.8	24	14.1	33	19.6	39	29.1	43	30.1
PhD member ¹⁾	114	98.8	119	102	124	104.5	130	122.7	123	107.2	133	120.5
Part-time PhD member ¹⁾	2		8	4	14	6.8	20	10	32	15.4	52	25.5
Total	324		368		379		410		430		477	

1) based on the year of admission as ICO member, after approval of the project proposal by ICOs Scientific Committee

Male/female ratio ICO Members

dated 31-12-2017

Category	Total	Men	Women
Staff	249	131 (53%)	118 (47%)
Post Docs	43	7 (16%)	36 (84%)
PhD Students	185	36 (19%)	149 (80%)
Total	477		

PhD Candidates – Graduation rates full time PhD members (≥ 0.8 FTE)^{1), 2)}

- 1) This table only consists of the success rates of the regular (full time) PhD members who started their PhD project with an appointment of at least 0.8 FTE. 'Graduated' is defined here as the moment a PhD student defends his or her thesis; this makes the table highly conservative
- 2) This table is based on the date of the start of the PhD trajectory. This may differ from the year of ICO admission

Year	gender		Total	Graduated after ≤ 4 years		Graduated after ≤ 5 years		Graduated after ≤ 6 years		Graduated after ≤ 7 years		not finished yet		discontinued		educational programme finished	
	male	female		#	%	#	%	#	%	#	%	#	%	#	%	#	%
2008	7	18	25	17	68,00%	6	24,00%	0	0,00%	0	0,00%	1	4,00%	1	4,00%	19	76,00%
2009	10	24	34	14	41,18%	12	35,29%	2	5,88%	0	0,00%	3	8,82%	3	8,82%	22	64,71%
2010	6	11	17	9	52,94%	3	17,65%	3	17,65%	0	0,00%	2	11,76%	0	0,00%	14	82,35%
2011	10	16	26	6	23,08%	11	42,31%	4	15,38%	0	0,00%	2	7,69%	3	11,54%	20	76,92%
2012	6	15	21	10	47,62%	3	14,29%	1	4,76%	x	x	5	23,81%	2	9,52%	16	76,19%
2013	9	23	32	5	15,63%	0	0,00%	x	x	x	x	25	78,13%	2	6,25%	25	78,13%
2014	6	18	24	1	4,17%	x	x	x	x	x	x	21	87,50%	2	8,33%	11	45,83%
Total	54	125	179														

PhD Candidates – Graduation rates part time PhD members (<0.8FTE)^{2),3)}

- 2) This table is based on the date of the start of the PhD trajectory. This may differ from the year of ICO admission
 3) This table consists of the success rates of all part time PhD members who started their PhD project with an appointment of less than 0.8 FTE. 'Graduated' is defined here as the moment a PhD student defends his or her thesis; this makes the table highly conservative

- Prior to 2012 ICO did not admit part-time PhDs to become members

Year	male	female	Total	Graduated after ≤				Graduated		not finished yet		discontinued		educational programme finished	
				years	years	years	years	#	%	#	%	#	%	#	%
2012	2	4	6	0	-	-	-	0	0,00%	5	83,33%	1	16,67%	2	33,33%
2013	1	5	6	-	-	-	-	0	0,00%	6	100,00%	0	0,00%	1	16,67%
2014	2	8	10	-	-	-	-	0	0,00%	9	90,00%	1	10,00%	1	10,00%
Total	5	17	22												

Positions obtained by ICO graduates (2012-2017) after graduation

Affiliation type	N	%
University:research and teaching	80	51
University:teaching	6	3
University: educational innovation	9	5
University:other	6	3
Universityof applied sciences: research and teaching	17	10
Universityof applied sciences: teaching	5	3
University ofappliedsciences: educational innovation	4	2
Secondary Education	13	8
Primary Education	1	6
Government, Non-profit	8	5
Business, consultancy	5	3
Unknown	2	1
Total	156	100

7. Finances

Financial Track Record

	2011	2012	2013	2014	2015	2016	2017
<i>Secretary Contribution</i> ¹	€ 55,390	0	0	0	0	0	
<i>Contribution Universities</i> ²	€ 51,654	€ 75,039	€ 79,546	€ 75,495	€ 89,912	€79,819	€ 93,180
<i>Advance Payment 2015 organisation ICO-IFS2016</i>						€8,865	
Revenues	€ 8,000	€ 4,000	€ 12,000	€ 6,000	€ 14,000	€9,000	€11,500
Total Funding	€ 115,044	€ 79,039	€ 91,546	€ 81,495	€ 103,912	€97,684	€104,680

- 1) Until 2012, the secretary university was accountable for ICO's scientific management, meaning that both the scientific director and the executive secretary were paid by this organization. The Open University of the Netherlands held the secretariat from 2008 until 2012. In the new situation starting 2012, the Secretary Contribution has been abolished.
- 2) The final costs for ICO Education (i.e., total costs for both educational management and training minus the revenues for training activities) are distributed among the participating universities on the basis of subsequent calculation of costs. The contribution is based on the number of PhD students at a given moment in time. Until 2012, the contribution was based on the number of PhD students per university at the moment of the re-accreditation of ICO in 2006. From 2012 onwards a reference date is set. For 2017 this date was set on October 1, 2017.

Contribution participating universities 2017

University	VU	WU	OUNL	RUG	UL	EUR	UM	UCL
PhD (full time)	2	4	9	18	17	8	13	0
PhD (part time)	7	2	1	5	4	0	0	0
Contribution	€ 3,428.04	€ 3,116.40	€ 5,921.15	€ 12,777.22	€ 11,842.30	€ 4,986.23	€ 8,102.63	€ 0.00
University	UT	UU	UvA	TUE	UvA-B	UG	KUL	RUN
PhD (full time)	11	19	5	3	3	1	6	3
PhD (part time)	3	18	5	5	2	0	1	2
Contribution	€ 7,790.99	€ 17,451.82	€ 4,674.59	€ 3,428.04	€ 2,493.12	€ 623.28	€ 4,051.31	€ 2,493.12
Total	€104,680.24							
Contribution per PhD								
Full time PhD	€ 623.28							
Part time PhD	€ 311.64							

Financial Account ICO 2017**Expenses****ICO Office**

Scientific Director	€ 9.250,00	
Executive Secretary	€ 52.984,62	
Educational Director	€ 9.250,00	
Meeting facilities	€ 1.271,48	
Financial Administration	€ 0,00	
Other (e.g. travel, office supplies)	€ 2.279,51	
Advance payment future Mid Term Reviews	€ 600,00	
<i>Subtotal ICO Office</i>		€ 75.635,61

Educational Activities

Thematical Course 17-T8	€ 1.974,26	
Thematical Course 17-T6	€ 2.151,42	
Thematical Course 17-T2	€ 320,00	
Thematical Course 17-T10	€ 555,19	
Introductory course Spring 17-ICS	€ 3.031,30	
Introductory course Fall 17-ICF	€ 3.015,77	
Methodological Course 17-MQN	€ 979,80	
Methodological Course 17MQL (Spring)	€ 1.470,00	
Methodological Course 17MQL (Fall)	€ 1.772,14	
ICO National Spring School 2017	€ 3.774,75	
Advance payment ICO Spring School 2018	€ 10.000,00	
<i>Subtotal Educational Activities</i>		€ 29.044,63

Total expenses**€ 104.680,24****Income**

Revenues - external participants	€ 11.500,00
Contribution participating universities	€ 93.180,24
Total income	€ 104.680,24

Appendix 1: List of ICO Members

Staff members dated 31-12-2017

*=emeritus professor

Eindhoven University of Technology

Dr. Anouke Bakx
Dr. Antoine van den Beemt
Prof. Dr. Douwe Beijaard ICO Governing Board
Dr. Maaïke Koopman
Prof. Dr. Birgit Pepin
Dr. Ruurd Taconis

Erasmus University Rotterdam

Dr. Lesya Ganushchak
Dr. Bjorn de Koning ICO Governing Board; Theme Group Coordinator T1
Prof. Dr. Sofie Loyens
Dr. Silvia Mamede Studart Soares
Dr. Marieke Meeuwisse
Prof. Dr. Fred Paas ICO Governing Board
Prof. Dr. Remy Rikers
Prof. Dr. Sabiene Severiens
Dr. Huib Tabbers
Dr. Peter Verkoeijen
Dr. Kate Xu

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Dr. Jo Tondeur
Prof. Dr. Martin Valcke ICO Governing Board
Prof. Dr. Johan Van Braak
Prof. Dr. Hilde Van Keer ICO Governing Board;
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Prof. Dr. Bieke De Fraine Theme Group Coordinator T7
Prof. Dr. Fien Depaepe
Prof. Dr. Jan Elen
Prof. Dr. Rianne Janssen ICO Governing Board
Prof. Dr. Wim Van Dooren
Prof. Dr. Lieven Verschaffel

Leiden University

Prof. Dr. Wilfried Admiraal Theme Group Coordinator T4
Prof. Dr. Sanne Akkerman
Dr. Larika Bronkhorst

Prof. Dr. Jan van Driel	
Prof. Dr. Fred Janssen	ICO Governing Board
Dr. Nivja de Jong	
Dr. Jacobiene Meirink	
Dr. Roeland van der Rijst	Theme Group Coordinator T9
Dr. Nadira Saab	
Dr. Dieneke Tigelaar	
Prof. Dr. Nico Verloop	
Dr. Anna van der Want	

Maastricht University

Dr. Simon Beusaert	Theme Group Coordinator T3
Dr. Katalien Bollen	
Prof. Dr. Piet van den Bossche	
Dr. Nick Broers	
Dr. Anique de Bruin	ICO Governing Board
Dr. Jamiu Busari	
Prof. Dr. Diana Dolmans	Director; Scientific and examinations committee
Dr. Jeroen Donkers	
Dr. Erik Driessen	
Dr. Steven Durning	
Dr. Pascal van Gerven	
Prof. Dr. Wim Gijsselaers	
Dr. Willem de Grave	
Dr. Selma van der Haar	
Dr. Sylvia Heeneman	
Dr. Shahab Jolani	
Dr. Karen Könings	
Dr. Jimmie Leppink	
Prof. Dr. Jeroen van Merriënboer	
Dr. Walther van Mook	
Dr.ir. Arno Muijtjens	
Prof. Dr. Mirjam oude Egbrink	
Dr. Jan-Joost Rethans	
Prof. Dr. Charlotte Ringsted	
Dr. Peter van Rosmalen	
Prof. Dr. Albert Scherpbier	
Prof. Dr. Mien Segers	
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Dr. Renée Stalmeijer	
Dr. Fred Stevens	
Dr. Dirk Tempelaar	
Dr. Pim Teunissen	
Prof. Dr. Cees van der Vleuten	
Dr. Ineke Wolfhagen	

Open University of the Netherlands

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Dr. Marlies Bitter-Rijkema

Prof. Dr. Els Boshuizen*

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Dr. Jan van Bruggen

Prof. Dr. Elly de Bruijn

Dr. Gino Camp

Prof. Dr. Marjolein Caniëls

Dr. Arnound Evers

Dr. Jérôme Gijssels

Dr. Renate de Groot

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Dr. José Janssen

Dr. Halszka Jarodzka

Dr. Marco Kalz

Prof. Dr. Paul Kirschner

Dr. Roland Klemke

Prof. Dr. Rob Koper

Dr.ir Karel Kreijns

Prof. Dr. Marinka Kuijpers

Prof. Dr. Maarten de Laat

Prof. Dr. Rob Martens

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Prof. Dr. Loek Nieuwenhuis

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Dr.ir. Bernard Veldkamp
Prof. Dr. Adrie Visscher
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Theme Group Coordinator T6

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Theme Group Coordinator T4

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Dr. Judith Gulikers	Theme Group Coordinator T8
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Dr. Omid Noroozi	
Dr. Piety Runhaar	
Dr. Renate Wesselink	Theme Group Coordinator T3

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Isil Sincer	
Marit Wijnen	
Jacqueline Wong	

Ghent University

Ruth Boelens	Educational Committee; Theme Group Coordinator T6
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University of Groningen

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Alianne Bakker
Marlies ter Beek
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Anja Boevé
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Ivonne Douma
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Dorinde Jansma
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Annegien Langeloo
Renske de Leeuw
Judith Loopers
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Marinda Spithoff
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Theme Group Coordinator T10

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University of Twente

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Marieke Fix
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Educational Committee

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Educational Committee; Theme Group Coordinator
T1

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Nienke Woldman
