

Appendix C: Key persons

Describe the competences, motivation and commitment in relation to their importance of up to ten key individuals for the successful execution and completion of the project.

This template and all relevant one-page CV's must be compiled according to the numbering, into a single PDF document and attached the application.

No.	Title of the keyperson	Name of the keyperson	Partner name	Expected time spend on project (months)	Qualifications (Max. 500 characters)
1	Professor	Thomas Ryberg	AAU	13	Experienced leader and coordinator of international and national research projects including both university and non-university partners. Expert in PBL and Digital Technologies; analyzing & designing for collaborative and networked learning. Strong expertise in Design Based Research and methodologies for co-designing and developing educational technologies with users. Expert in Learning Design and developing pedagogical patterns.
2	Postdoc	Lykke Brogaard Bertel	AAU	16	Postdoc at the UNESCO category 2 centre: Aalborg Centre for Problem-Based Learning in Engineering, Science and Sustainability. Phd in robot-supported learning and expert in innovation and emerging technologies (robotics, AI, VR/AR, data science) in Science, Technology, Engineering and Math (STEM). Strong expertise in innovative teaching methods (PBL, flipped curriculum), student motivation, persuasive design and ethics.
3	Associate Professor , Ph.d. and Research manager, (Docent)	Susanne Dau	University College of Northern Denmark (UCN)	6,75	Head and research manager of the research program `Professional Development & Educational Research at University College North (UCN), department of Research & Development. Experienced researcher and research project manager, leading and participating in both national and international projects. She holds a PhD in Blended Learning and has several publications addressing flexible education, blended learning, learning design, creativity, learning design, digital and professional development.
4	CTO	Christian	CanopyLAB	14,5	Holds 10+years of experience as a serial

		Skræm Juul Jensen			entrepreneur with companies in web and design. Front-end developer, certified in SCRUM. Christian oversees all aspects of the technical delivery at CanopyLAB, from wireframing and design to client handover. In 2018, Christian upgraded his skills in ML, NLP and AI through a series of certifications. Christian represents CanopyLAB in a series of commercial networks, including The Confederation of Danish Industries.
5	CLO	Lise Andersen-Alstrup	CanopyLAB	10	With 15+ years of experience in the field of EdTech from the Danish company, Clio as well as in education and teaching, Lise has profound know-how and competences when it comes to the area of the UnFoLD project. Furthermore, Lise has a long experience and a track record as project manager leading both small and large-scale projects. Lise holds a Bachelor of Education, a Master's Degree in Danish and English studies and is trained as both process- and project manager.
6	Director	Rune Heiberg Hansen	DAMVAD Analytics	8	Rune is an expert in the application of advanced analytics in learning, having initiated the Danish Learning Analytics Network heading the commercial activities in education and competency match through ML at DAMVAD Analytics, a leading Nordic data science provider within education. DAMVAD provides both data on competency demands through ML on several million job postings and builds predictive models combining Big Data, cutting edge neural networks and in-depth context knowledge in education.
7	Engineer	Adam Kazmierczak	Thürmer Tools	17,5	Adam holds a MSc in Mechanical Engineering from the Technical University of Denmark with a bachelor thesis on cutting tools and Master thesis on drilling. He has a long-standing experience working in the tooling industry and currently holds a position as R&D Engineer focusing on custom designed tools and od-size tool production at Thürmer. Adam has a wide spanning knowledge of customisation of tool designs, is specialist in topology optimisation and has worked with R&D within AM produced tools.
8	CEO	Erick Thürmer	Thürmer Tools	10,25	Erick has disrupted his great grandfather's 120-year-old and traditional tool business into a successful, purpose-driven 3D business. Erick is a graduate and faculty member of Singularity University, exploring the development and application of new technologies in order to solve global challenges purposely. He is also an appointed member of "The Disruption Task Force Council" established by the Danish government to ensure the optimal implementation and adoption of technology in DK.

9	Technical Director	LotharJames	Cadpeople A/S	8	Lothar James has more than 15 years experience with development of digital solutions within learning and communication Including development of Virtual Reality, Augmented Reality Solutions as well as SCORM and Xapi integration. Selected references: Ørsted, Vestas, MHI Vestas, Siemens and Satair.
10	Head of Change Leadership	Christina Juel Hegaarda	Arla	15,75	As Head of Change Leadership in Arla, I report directly to the CHRO in Arla and have the global responsibilities to oversee and support the largest transformations, we drive in Arla from HR/change perspective. I support our Executives in Data Analytics based on global survey measuring our change journey, engagement & Change Leadership, do the strategic thinking and planning for Senior Leader Engagement, training programs, cultural initiatives based on Strategy etc.

Thomas Ryberg

Professor , PhD - e-Learning Lab - center for user driven innovation learning and design. Department of Communication and Psychology. Faculty of Humanities. Aalborg University. Phone: [redacted] | E-mail: [redacted]

AAU-profile: <https://vbn.aau.dk/en/persons/109500>

Google Scholar: <https://scholar.google.com/citations?user=nH-hOEwAAAAJ&hl=en>

Education

MA in Human Centered Informatics, AAU (2003), PhD in Human Centered Informatics (young people's use of learning technology for collaboration), AAU (2007)

Academic positions since PhD

2017-Present: Professor, Aalborg University

2012-2017 Professor mso (professor with special responsibilities), Aalborg University

2010-2012: Associate professor, Aalborg University

2007-2010: Assistant professor, Aalborg University

Scientific focus and research areas

Research management and organisation

Member of research management group, Research Manager of WP2, [PBL Future](#) (9 mio). Research manager in [Digital Humanities Lab](#) (30 mio) for the theme 'interaction and design studies'. Project manager and/or WP leader in EU LLP-projects (ODEDU, Eatrain2, COMBLE). Co-chair of the international [Networked Learning Conference](#). Editor of International Journal of PBL in Higher Education.

List of publications - Thomas Ryberg

Includes examples of peer-reviewed journal papers, peer-reviewed books/edited books. See full online cv for full list:

[http://vbn.aau.dk/en/persons/thomas-ryberg\(f05994d0-d004-4702-96d9-1974cfdc2a28\)/cv.html?id=188836753](http://vbn.aau.dk/en/persons/thomas-ryberg(f05994d0-d004-4702-96d9-1974cfdc2a28)/cv.html?id=188836753)

Journal papers

Elving, P. R., & Ryberg, T. (2018). Pædagogiske spændingsfelter ved inddragelse af programmering i grundskolen: Læreres perspektiv på at inddrage programmering som fagligt element i deres undervisning. *Læring og Medier*, 11(19). <https://doi.org/10.7146/lom.v11i19.103100>

Caviglia, F., Dalsgaard, C., Davidsen, J., & Ryberg, T. (2018). Studerendes digitale læringsmiljøer: læringsplatform eller medieøkologi? *Læring og Medier*, 10(18), 1-29. <https://doi.org/10.7146/lom.v10i18.96928>

Nunez, H. C., Skov, M., Jonassen, T. S., & Ryberg, T. (2018). Pathway to support the adoption of PBL in open data education. *Design and Technology Education: An international journal*, 23(2), 175-193.

Ryberg, T., Davidsen, J., & Hodgson, V. (2018). Understanding nomadic collaborative learning groups. *British Journal of Educational Technology*, 49(2), 235–247. <https://doi.org/10.1111/bjet.12584>, <https://doi.org/10.1111/bjet.12584>

Davidsen, J., & Ryberg, T. (2017). This is the size of one meter: Children's bodily-material collaboration. *International Journal of Computer-Supported Collaborative Learning*, 12(1), 65-90. <https://doi.org/10.1007/s11412-017-9248-8>

Lykke Brogaard Bertel

[redacted]

Tel: [redacted], email: [redacted]

Date of birth: [redacted]

Lykke Brogaard Bertel is a postdoc in PBL and digital transformation at the UNESCO center for Problem-based Learning in Engineering, Science and Sustainability. She received her industrial PhD in robot-supported collaborative learning in 2016 in collaboration with Danish Technological Institute. She has a background in digital technologies and persuasive design, and has worked as a specialist in robot-mediated motivation and learning since 2011. She is affiliated with the institution-wide PBL Future project at AAU as well as the Aalborg U Robotics group. Her research interests are in the fields of lifelong-learning and emerging technologies, particularly human-robot interaction and learning, sustainable automation and social responsible AI.

Education Industrial PhD in HCI and Human-Robot Interaction 2012-2016 MSc IT, Persuasive Design 2009-2012 BA, Communication & Digital Media 2006-2009

Appointments held Postdoc at Department of Planning, Aalborg University 2017- External lecturer at Embodied Systems for Robotics and Learning, SDU 2016- Consultant/specialist, Center for Robot Technology and Health & 2011-2017 Human Interaction Technologies, Danish Technological Institute

Fundraising & Research projects

- PBL Future, institution-wide research project on PBL in a digital age 2017-2020
- Tiimo, Datadriven self-assessment and personalized feedback for 2018 children with special needs, Innobooster
- Persuasive Educational and Entertainment Robotics (PEERs), 2012-2016 Industrial PhD, Innovationsfonden
- FutureTech : Co-creating digital learning designs with 3D-printers and 2013-2014 robot technology, Insero Foundation

Relevant publications

- Bertel, L. B. and Kristensen, N. S. : Student Engagement and Study Intensity in Flipped PBL Curriculum and Blended Learning Activities (2018). 7th International Research Symposium on PBL : Innovation, PBL and Competences in Engineering Education. Aalborg Universitetsforlag. - Bertel, L. B. and Majgaard, G. (2018). Video Tutorials Designs for Learning: Facilitating Engagement and Entrepreneurship in Welfare, Learning and Experience Technology Engineering Students. Proceedings of the 46th SEFI Conference: Creativity, Innovation and Entrepreneurship for Engineering Education Excellence.
- Bertel, L. B., Brooks, E. and Dau, S. (2019 – in press). Developing Robot-Supported Inclusive Education (ROSIE): A Play-Based Approach to STEM Teaching and Inclusion in Early Childhood Education, Proceedings of the 13th Conference of the European Science Education Research Association (ESERA).

Susanne Dau

Associate professor (Docent) and Head of the research program Professional Development & Educational Research

PROFILE

I am certified in research management from CBS. I do research and project management and supervision of Ph.D. students in the research program. My research includes; blended learning, flexible learning design, learning spaces, digital navigation, digital learning and learning design in higher education. I do mixed method and qualitative research methods.

Contact Information:

Name: Susanne Dau

[redacted]

[redacted]

University College UCN

Mylius Erichsens Vej 137

RELEVANT EDUCATION

2016 Centred	PhD in Blended Learning, Aalborg University, Human Communication and Informatic HCCI)
2002	Master in learning processes (MLP), Aalborg University
1997	Diploma in nursing science, Danmarks Sygeplejehøjskole
1992	Nurse (RN)

EMPLOYMENT

2017- Development & Educational Research, UCN	Docent (ass. Professor) and Head of the research programme Professional Development & Educational Research, UCN
2015-2019 Research,	Head of the research programme Professional Development & Educational UCN
2002-2015	Teacher and lecturer at Nursing Education, UCN
1997-2002 sec-	Clinical Education Coordinator and Manager in the secondary psychiatric health tor of Region in Northern Jutland

PROJECTS

2018-2021	Technology Literacy in School (Teknologiforståelse i folkeskolen)
2018-2020 Erasmus+	Pedagogical Approaches enhancing social inclusion in classroom (PAESIC) KA2 (Lead)
2013-2015	Digital Uddannelseslaboratorium (DUIT) (Lead)
2012-2015	FlexVid (Fleksible Videregående uddannelser). Funded by EUs Social Fund (lead)

RECENT AND RELEVANT PUBLIKATIONS

Dau, S. (2018). Creative Knowledge Work and the Impact of Instruction. In: The Creative University (pp. 64-83). Brill

Kjærgaard, T. & **Dau, S.** (2018). Revisiting the 21st Century Learning Skills, Networked Learning, AAU

Nielsen, S. N., Andersen, R. H., & **Dau, S.** (2018, November). Podcast as a Learning Media in Higher Education. In European Conference on e-Learning (pp. 424-430). Academic Conferences International Limited.

Dau, S., & Rask, A. B. (2017, October). Connecting eye to eye: The Challenge of Computer Supported Contact. In European Conference on e-Learning (pp. 124-131). Academic Conferences International Limited.

Dau, S., & Purushothaman, A. (2015). Is there a second level divide in students Internet skills?: A cross-country analysis of Denmark & India. In 1st International D4learning Conference. Aalborg Universitetsforlag.

Full publication list available here: <https://www.ucviden.dk/portal/da/publications/search.html?search=susanne%20dau&advanced=true&ordering=researchOutputOrderByPublicationYear&page=0&descending=true>

Lise Andersen-Alstrup

Experienced project manager within the field of Educational technology, teaching and learning.

Contact information:

E-mail: [redacted]

Phone: [redacted]

RELEVANT EDUCATION

2018	Leadership Mannaz
2016	Project management Implement
2015	Process designing Attractor (now Implement)
2008	Master of Arts, English and Danish Roskilde University Center (RUC)
2003	Bachelor of Education Frederiksberg Teacher's College (Now UCN)

EMPLOYMENT

2019-	Chief learning officer CanopyLAB
2017-2019	Head of operations Clio Responsible for the editorial department with 50 editors based in Denmark and Sweden and responsible for creating a scalable workforce and for producing high quality and scalable products.
2015-2017	Project manager Clio Responsible for Clio's first roll out in Sweden from the very early stages to launch.
2012-2015	Content editor Clio Responsible for producing and managing Clio's English product. This included among others: Producing content, managing the project and conceptualizing the product.
2008-2012	Teacher Østerfarimagsgade Skole

Rune Heiberg Hansen

Director, DAMVAD Analytics

Rune is director at DAMVAD Analytics responsible for Education and an experienced project leader. Rune is an internationally acclaimed expert in the quality and development of learning and digitalization of education.

Rune is an expert in the application of advanced analytics in learning, having initiated the Danish Learning Analytics Network on today heading the commercial activities within education and competency match through machine learning at DAMVAD Analytics, a leading Nordic data science provider within education. DAMVAD Analytics provides both data on competency demands through machine learning on several millions job postings and builds predictive models combining Big Data, cutting edge neural networks and in-depth context knowledge in education.

Education

M.Sc. Political Science, Aarhus University

HBX CORE (Credential of Readiness), Harvard Business School Online

Previous work

2012~2018: Director, The Danish Accreditation Institution

2011-2012: Senior advisor on innovation, Aarhus University

2009-2011: Daily manager, The National Network for Technology Transfer

2008-2009: Senior advisor, Sino-Danish Center for Education and Research

2007: Assistant program director, Danish Institute for Study Abroad

2004-2007: Political advisor, The Danish Parliament



Adam Kaźmierczak

Currently working as R&D Engineer at Thürmer Tools, where I work on daily basis with Additive Manufacturing. I am a very adaptive person always open for new challenges with personal drive for continuous learning, eager to work with newest technologies.



Teglegårdsvej 919
3050 Humlebæk
Denmark



a.s.a.kazmierczak@gmail.com



+4591934426
+48696381189



www.linkedin.com/in/adam-
kazmierczak-1991-08-03

Curriculum Vitae

Experience

R&D Engineer in additive manufacturing department
November 2017 - now
Thürmer Tools (Gileleje, Denmark)



Key responsibilities:

- Supervision of additive manufacturing research projects (internal company projects, and external projects where we cooperate with various research centers from Europe),
- Design and 3D printing prototypes of cutting tools,
- Research on new potential technologies in the field of additive manufacturing

Research assistant intern
January 2017 – July 2017
Sintef (Trondheim, Norway)



Key responsibilities:

- Literature review on granite cutting,
- Numerical simulations and experimental study of granite cutting

Education

August 2015 – July 2017
Technical University of Denmark (Denmark)
2 years MSc in Petroleum Engineering



August 2016 – December 2016
Norwegian University of Science and Technology (Norway)
1 semester exchange at Petroleum Engineering Department



September 2010 – January 2015
Lodz University of Technology (Poland)
4 years BSc in Mechanical Engineering and Applied Computer Science



ERICK THÜRMER

[redacted]

• [redacted]

• [redacted]

EDUCATION

(2016) Executive Programme, Singularity University, Silicon Valley

(1997-1999) Higher Examination Program, Hillerød Handelsskole

(1999-2001) Agricultural Practicant, Næsgård Landbrugsskole

PROFESSIONEL EXPERIENCE

Faculty Member, Singularity University, Silicon Valley & SU Nordic (2018-

Member of Disruption Task Force, Ministry of Industry, Business and Financial Affairs (2019-

Børsens Disruption Council (2016-2018)

Renowed international speaker – Technology development

• Affiliated with StrongMind, DareDisrupt Singularity University

Erick Thürmer is 4th generation in a traditional tooling business with 120 years of history and experience. The company produce and sell cutting tools to the Scandinavian market. In parallel, the company has invested significant resources in TwentySeven, a department dedicated for 3D printing technology. The R&D team is developing new and better tools base based on the latest 3D printing technology.

CEO & OWNER, THÜRMER TOOLS APS

INDUSTRIAL TOOLING PRODUCTION • AUG 2014 –

SALES DIRECTOR, CLOU-THÜRMER A/S (from 2011, WALL-THÜRMER) (Part Owner)

INDUSTRIAL TOOLING PRODUCTION • DEC 2003 – OCT 2014

AREA OF RESPONSIBILITY

- Head of Sales
- Managing the sales and communication Import / Export
- Business analysis in relation to sales subsidiaries and distributors
- Project management
- Production and update of marketing material

OWNER TOFT & THÜRMER ApS

JEWELLERY PRODUCTION, DENMARK • 2003-2005

Christina Juel Hegaard

Executive, trusted Advisor & Head of Change Leadership

My career has provided me with more than 15 years of experience driving Business Change & Leadership Programmes in multinational companies as Danfoss & Arla as well as several years in the public sector.

Phone: [redacted]

Mail: [redacted]

LinkedIn: <https://dk.linkedin.com/pub/christina-juel-hegaard/b/342/1b4>

Educational highlights

2014 - 2015 Mini MBA in International Management Henley Business School

2005 – 2009 Master in Communication Aalborg University

2007 – 2008 NLP Master Practitioner Mindstep

2006 – 2007 NLP Practitioner Mindstep

2001 – 2004 Bachelor in Danish with media focus Aalborg University

Work Experience

2016- Business Transformation Team, Arla Foods Head of Change Leadership

2015-2016 Arla IT, Arla Foods Senior Manager, Business Change & Implementation Lead

2010-2015 Arla IT, Arla Foods Manager, Business Change & Implementation Lead

2007-2010 Strategi & Udvikling, Aalborg Sygehus Communication Consultant

2007-2008 Business Institute A/S Consultant/Educator

