

List of chairs and mentors

IDE supervisors for the Master Graduation Project

Industrial Design Engineering Delft



August 2024

Chairs and mentors of IDE

The people in this list are IDE staff members who are appointed to act as Chair or mentor at graduation projects. They therefore are granted permission (by IDE's Board of Examiners) to assess this specific project.

On <https://www.tudelft.nl/en/ide/about-ide/departments/organogram/> you will find an overview of the organisational structure of the Faculty.

The staff members in this list are categorised by department and (research) groups, to provide you some structure in your search for supervisory team members.

The IDE departments are:

1. Sustainable Design Engineering (SDE)
2. Human-Centered Design (HCD)
3. Design, Organisation and Strategy (DOS)

Note: In this edition, there are about **290** staff members listed who can be approached in search for supervisors. You can consult people from all three departments, regardless of the MSc programme you are in.

Nevertheless, when selecting possible chairs and mentors, you should bear in mind that being appointed to supervise not automatically implies that a person will be available, as this also depends on running (supervisory) projects, and other activities. Keep this in mind when preparing your graduation project.

Chairs can also act as mentor, but mentors cannot act as Chair.

Please note that, **the completeness of this list cannot be guaranteed**, due to frequent staff mutations. Check with the secretary of a department for the latest update of their staffing. Also information about a person's availability and presence sometimes can be obtained at the secretary. See the next pages for the offices and phone numbers of the departmental secretaries.

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1. Department of Sustainable Design Engineering (SDE)

Website

www.tudelft.nl/en/ide/about-ide/departments/sustainable-design-engineering/

Secretary's Office SDE

Selina Touriche

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Office: B-3-020

Secretariaat-SDE@tudelft.nl

Sections in SDE

DfS [Design for Sustainability](#)

[Design for Sustainability](#)

- Design for sustainability;
- Sustainable Product Service Systems;
- Design for Emerging Markets (Design for BoP, design for Low Resource Settings);
- Context Variation by Design;

[Circular Product Design](#)

- Design for repair, design for remanufacturing, design for recycling;
- Product attachment through design;
- Sustainable and circular business models;
- Product design for circular business models.

KInD [Knowledge and intelligence Design](#)

Human Centred Artificial Intelligence

- Crowdsourcing, Machine Learning, and Design;
- Design, analysis and control of Intelligent Products, Services, and Systems in the real-world;
- Intelligent Cities, Smart Culture, Health;

Internet of Things

- Design of connected/smart products and services;
- Data analytics and machine learning for connected/smart products and services;
- Design methods for connected/smart products and services;
- Product and service evolution based on data insights;
- Interaction and UX design for the IoT: multi-device and cross-device interaction, intelligent/perceptual user interfaces (machine learning, vision, gesture, speech), shape-shifting user interfaces;
- Applications of IoT in domains such as automotive, energy, transport, health, smart cities etc.;
- Business models for the IoT.

MM [Materials and Manufacturing](#)

[Mechatronic Design](#)

- Ultra-personalised products, based on 3D scanning, modelling, and digital manufacturing;
- Medical product (software) design regarding the use of multi-modality medical images, which includes image acquisition, reasoning, processing and application;
- Integrating digital materials, multi-materials, 4D printing, embedded electronics and Micro Electromechanical Systems (MEMs) in the prototyping and manufacturing process;
- 3D reproduction of heritage objects by integrating multi-model 3D scans and 3D printing techniques;
- Improvement of modelling, simulation, prototyping, and manufacturing practice infused by emerging 'maker' tools.

[Materials Manufacturing](#)

- Ultra-personalized products, based on 3d scanning and digital manufacturing for specific niches;
- Digital materials, multi-materials, 4D printing;
- Improvement of modelling, prototyping, and manufacturing, practice infused by emerging 'maker' tools;
- Adopting and improving engineering optimization paradigms (topological, acoustical, ...) for advanced manufacturing;
- Dynamical ergonomics by advanced human body scanning, computational modelling and digital manufacturing;
- 3D printing of engineering plastics for demanding applications;
- Augmented, Mixed and Virtual Reality systems for design, simulation and repair/maintenance/optimisation of complex systems.

[Emerging Materials](#)

- Shape morphing products: Products that move and change shape;
- Wearables and Smart Textiles: Seamless integration of sensors and actuators in textile for health, sports or leisure;
- Printing of Light: Electroluminescent layers on 2D (papers, plastic foils, textile) or 3D surfaces
- Environmentally Sensitive Materials.

Chairs* and mentors in SDE

Note Chairs can act as mentor, but mentors cannot act as Chair.

Clicking a name will guide you to a person's information (e.g. room, email, webpage, experience, ..) See also <https://www.tudelft.nl/en/ide/about-ide/people>.

	DfS		KInD	
	Design for Sustainability		Knowledge & Intelligence Design	
	Circular Product Design	Design for Sustainability	Human Centred Artificial Intelligence	Internet of Things
Chairs	Balkenende, R.* Bakker, C.A.* Dam, S.S. van * Faludi, J.J.* Flipsen, S.F.J.*	Engelen, J.M.L. van * Diehl, J.C. * Joustra, J.J. * Koning, J. de * Persaud, S. * Sprecher, B. *	Abbink, D.* Bozzon, A.* Colombo, S.* Dingler, T.* Niforatos, E. * Verma, H. *	Kortuem, G.W.* Bourgeois, J. * Psyllidis, A.* Vegte, W.F. van der *
Mentors	Amatuni, L.T. Bolanos Arriola, J. Bos, P. Carrete, I. Jun, Y. de Pauw, I. Samenjo, K.T.	Aghaeian, S. Bessai, R. Cronenberg, M. van Dolderen, D. van Engberg, N. Hasankhani, M. Hoveling, T. Jager, P. Komlossy, T. Kroon, C.P.J.M. Kurteva, A. LaRoche, J. Tschavgova, E. Weber, M.	Genc, U. Kraaijeveld, P. Love, J.S. Mauri, A. Valk, C. van der	Alfrink, K. Broadhead, J. Degachi, C. Gomez Ortega, A. He, T. Kernan Freire, S. Morales Ornelas, H.C. Meijer, W. Offerman, C.E.
MF				
Materialising Futures				
	Mechatronics Design	Materials Manufacturing	Emerging Materials	Technical Support
Chairs	Dobrovski, E.L.* Boyle, J.H.* Elkhuizen, W.S.* Martins, J.* Song, Y.*	Tempelman, E.* Jansen, A.J.* McQuillan, H.* Vink, P.* Wu, J.*	Jansen, K.M.B.* Ghodrat, S.* Karana, E.*	

See next page for MF mentors!

MF				
Materialising Futures				
	Mechatronics Design	Materials Manufacturing	Emerging Materials	Technical Support
Mentors	Ozdemir, M. Vekemans, V.	Breemen, E.J.J. van Das, M. Kim, J. Mishra, V. Nicenboim, I. Parisi, S. Risseeuw, C.C. Thomassen, E.W. Voorwinden, M.	Buso, A. Doucet, N. Ng, W. Vledder, G.	Dam, J. van Kooijman, A. Slingerland, M. Verwaal, M. Zijlstra, J.

2. Department of Human-Centered Design (HCD)

Website

www.tudelft.nl/en/ide/about-ide/departments/human-centered-design/

Secretary's Office HCD

Jessica Overdiep / Denise Bruinsma-Keislair

Telephone: +31 15 27 83029

Office: C-3-030

Secr-HCD@tudelft.nl

Sections in HCD

AED [Applied Ergonomics and Design](#) (M. Melles)

The section AED aims to improve the fit of products to their users and support user-centered design. AED develops basic and applied knowledge on usage, comfort and safety and on users' physical, sensory and cognitive characteristics.

DA [Design Aesthetics](#) (B. van Eekelen)

Design Aesthetics section focuses on design, appearance and the way people perceive products. Design Aesthetics (DA) is interested in the appearance of products; the explanation and meaning of this appearance is studied mainly in terms of social and cultural factors. The distinctive focus of the section is research and education in the field of sensory modalities in relation to product design. These fields of attention generate design baggage that enables engineers to design products, systems and services and match them to the correct field of use.

DCC [Design Conceptualisation and Communication](#) (I. Mulder)

The Design Conceptualisation and Communication (DCC) section focuses on developing methods, tools, and techniques to support designers and design teams in the conceptual phase of the design process, and furthermore on designing everyday aware products, across diverse cultures and people, that are contextually aware of the user in a social environment. The group is focused on interaction design techniques and concepts in relation to using smart products and -environments to shape and maintain social and environmental sustainability.

HICD [Human Information Communication Design](#) (D. Murray-Rust)

The research and education of the section focuses on studying and design of the exchange of information between users and products/systems.

Chairs* and mentors in HCD

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	AED Applied Ergonomics & Design	DA Design Aesthetics	DCC Design Conceptualisation & Communication	HICD Human Information Communication Design
Chairs	Albayrak, A.* Boess, S.U.* Cammen, T.J.M. van der* Clarkson, P.J.* Daalhuizen, J.* Dekker, M.C.* Eijk, D.J. van* Goossens, R.H.M.* Huysmans, T.* Kraal, J.J.* Kuijk, J.I. van* Melles, M.* Nes, N. van* Paus-Buzink, S.N.* Sonneveld, M.H.*	Boeijen, A.G.C. van* Desmet, P.M.A.* Dijk, M.B. van* Eekelen, B.F. van* Grondelle, E.D. van* Kolks, L.* Lomas, D.* Ozcan Vieira, E.* Ozkaramanli, D.* Schifferstein, H.N.J.* Tassinari, V.* Visch, V.T.* Xue, H.*	Bendor, R.* Champlin, C.* Gielen, M.A.* Helm, A.J.C. van der* Jaskiewicz, T.J.* Keller, A.I.* Keyson, D.V.* Mulder, I.J.* Pasman, G.J.* Romero Herrera, N.A.* Singh, A.* Sleswijk Visser, F.* Stappers, P.J.*	Cila, N.* Egmond, R. van* Hoftijzer, J.W.* Huisman, G.* Middelkoop, C. van* Murray-Rust, D.* Pont, S.C.* Rozendaal, M.C.* Schneegeass, C.* Verma, H.* Vermeeren, A.P.O.S.* Wijntjes, M.W.A.*
Mentors	Beek, E. van Bruin, R. de Chmarra, M. Goto, L. Hoekstra, G.P.M. Ruiter, A. Sekerli, E. Steenkamer, J. Sun, Y. Valkenhoff, A.H. Wang, T.	Alferink, J.R. Arkel, T. van Barendregt, L. Beardow, C. Bostan, I. Buisonjé, D. de Faber, J. Filippi, M. Flint, G. Franklin, S. Gieles, S. Goss, H. Houtman, T. Jacobs, N. Kim, D. Louwers, G. Noordhoek, E.J.L. Orozco, S. Peeters, A. Schermer, W. Veen, L. van der Vegt, N.	Akay, M. Di Staso, D. Hao, C. Havranek, M. Li, B. Leeuwen, G. van Taminiau, F.P.A.M. Wellink, M.	Bogdanova, E. Brand-de Groot, S.C.M. Carelsberg, H. Dideriksen, S. Haans, M.C. Hardt, M. Kim, S. Kuiper, J. Leeuwen, A. van Liu, Y. Mehvarz, M. Nicenboim, I. Orsini, G. Smit, C. Soerjo, E.A.A. Sypesteyn, M. Turtle, G.L. Yu, C. Yurrita Semperena, M. Zhao, Y.

3. Department of Design, Organisation and Strategy (DOS)

Website

www.tudelft.nl/en/ide/about-ide/departments/design-organisation-and-strategy/

Secretary's Office DOS

Leandra Tjin Asjoe-Koolhoven & Hanneke Sosef-de Haan

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or

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H.Sosef-deHaan@tudelft.nl

Sections in DOS

CP Creative Processes

The Creative Processes Section, incorporating the Connected Creativity Lab, the Designing Intelligence Lab, and the Center for Law, Design and AI, provides education and research in practices, theories, and applications of creativity from the technological to the social. Themes of the section include: collaborating with AI in creative processes, creative facilitation in organisations, creative visualisation, co-creating, and other creativity and design methods. Through the broad lens of creative processes, individual staff have a wide range of teaching and research interests including: the use of language in design processes, design education, designing intelligence, designer resilience, design justice, and service design.

MCR Marketing and Consumer Research

Works with theories, models and procedures from marketing and consumer research that can contribute to successful product development. Creating product advantages and gaining market acceptance is the field of marketing research. Consumer research focuses on the way in which consumers relate to new products and the research methods used to predict this relationship during product development.

MOD Methodology and Organisation of Design

Provides education and carries out research in the field of the structure of design processes and design methods. The research focuses on the behaviour of designers as problem solvers and on the development of design knowledge and design experience in education and in practice.

Another focus of this section is the business context in which New Product Development (NPD) takes place. Areas of attention are management and organisation of product innovation processes, the behaviour of multidisciplinary product development teams, and promoting creativity and innovation. The research focuses on developing theories, conceptual models, methods and techniques, procedures, and organisation models to improve the quality of integrated product development.

Chairs* and mentors in DOS

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	CP (SECTIE A) Creative Processes	MCR (SECTIE B) Marketing and Consumer Research	MOD (SECTIE C) Methodology and Organisation of Design
Chairs	Chandrasegaran, S.* Guerreiro Goncalves, M.* Kalmár, E.* Lloyd, P. A.* Nas, D.N.* Price, R.A.* Secomandi, F.* Snelders, H.M.J.J.* Wang, P.*	Creusen, M.E.H.* Flipse, S.* Granato, G.* Hende, E.A. van den* Hiemstra - Van Mastrikt, S.* Hultink, H.J.* Magnier, L.B.M.* Mooij, S.C.* Mugge, R.* Nikou, S.N.* Santema, S.C.*	Bluemink, R.G.H. Bos-De Vos, M.* Calabretta, G.* Celik, S* Jung, J.* Kim, E.Y.* Kleinsmann, M.S.* Rietjens, J.A.C.* Simonse, L.W.L.* Smulders, F.E.H.M.*
mentors	Aktürk, G. Beets, M.F. Brouwer, W. Burg, V. van der Carree, S. Gu, H. Heijne, K.G. Keukens, B.M. Koomen, C. Melo Signerez, P.M.S. Mulder, S.S. Nijdam, J. Zhang, X.	Bakker-Wu, S. Berghuis, G.H. Dehli, S.R. McMahon, K.S. Miao, X. Toet, A. Vught, E. van	Boltjes, K. Brink, N. van den Buijs, M. Coelen, J. Gomez Beldarrain, G. Gür, D.R. Haji Amiri, M. Hebbink, T.J. Karlsson, K.F. Kyriakopoulos, N. Mazerant, E.B. Nieuwborg, A. Schalkers, E.M. Weltje, M.J. Winkelsdorf, M.

Appendix to Supervisors List

1. Appendix to Department of Sustainable Design Engineering (SDE)

SDE Chairs* & mentors, who don't have a personal webpage, in alphabetical order (p1)

No names to display

2. Appendix to Department of Human-Centred Design (HCD)

HCD Chairs* & mentors, who don't have a personal webpage, in alphabetical order (p1-4)

Brand-de Groot, S.C.M.

Susie C.M. Brand-de Groot

HCD – HICD (Human Information Communication Design)

Telephone: +31 15 27 89325

Office: C – 1 - 570

email: s.c.m.brand@tudelft.nl

Expertise in keywords:

Industrial design, interior architecture, visualization, theatre decor & costumes, graphic design

Jacobs, N.

Natassia Jacobs

HCD – DA (Design Aesthetics)

email: N.A.L.J.Jacobs@tudelft.nl

Expertise in keywords:

Kuiper, J.

Joost Kuiper

HCD – HICD (Human Information Communication Design)

Telephone: +31 15 27 89325

Office: C – 1 - 570

email: j.kuiper@tudelft.nl

Expertise in keywords: Education, Visualisation, Drawing/painting, Visual Arts, Outdoor equipment, Colour, Gaming

Schermer, W.

Ir. Wim Schermer

ID – DA (Design Aesthetics)

Telephone: +31 6 41460101

email: w.schermer@tudelft.nl

Webpage: www.wimschermer.nl

Expertise in keywords: concept development, design for experience, design for interaction, design aesthetics, products with social skills, spatial design, handicraft sector & small industries in developing countries
design process: creative flow & ultra rapid prototyping (role play).

Coach in: IPD: ACD, DFI: EI, BSc: DP1, DP2, BFP



Sypesteyn, M.

Mark Sypesteyn MSc

HCD – HICD (Human Information Communication Design)

Telephone: +31 15 27 83044

Office: C-1-570

email: m.sypesteyn@tudelft.nl

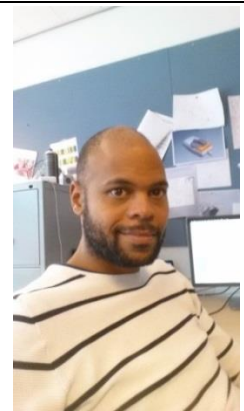
Expertise in keywords: Design Drawing, Visual Communication, Design Conceptualisation & Visualisation

Coach in

Bsc: PO (1,2,3 and 4) design drawing, Design Visualization

Msc: product communication & presentation, computer sketching, diverse drawing techniques for presentation, computer sketching, drawing the human figure

Personal interests are in fine arts.



3. Appendix to Department of Design, Organisation and Strategy (DOS)

DOS Chairs* & mentors, **who don't have a personal webpage**, in alphabetical order (p5)

No names to display