

Curriculum vitae

Nina Viola Ryd

13 June 1968

SWEDISH

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Fields of interest

Client & Architect Collaboration, Briefing/Programming, Design Processes, Requirements Management

Present position

- Associate professor/ Docent/Senior Lecturer (60%) in Architecture and Management at the Department of Architecture, Chalmers University of Technology (since August 2011-present)
- Vice Head of department with responsibility for research (since June 2013-present)

Education/degrees

- Ph.D 2003 in Architecture at Chalmers University of Technology, title of dissertation: *Exploring Construction Briefing, from Document to Process*, Supervisor: prof. Sven Fristedt and prof. Knut Strömberg
- Lic eng. 2001 in Architecture at Chalmers University of Technology, title of thesis: *The Architectural brief as carrier of client-information during the building process*, Deputy supervisor: Ass. Prof. Anna Kadefors.
- Master of Architecture 1998: Chalmers University of Technology
- Art and Architectural History 1988-89: University of Gothenburg (40 credits/1 year)
- Collage degree 1987: Natural Science, Skövde
- Stockholm School of Economics: 2011-2012 IFL Executive Education, SBL Management (20 day program) Industry Program General Management / SBL Management for Construction and Real Estate: personal leadership, financial analysis and control, macroeconomics, entrepreneurship, cross cultural management, branding, coaching, rhetoric, etc.

Previous Employment:

2010-2012	Special commission (50% - 3 years) as Director Chalmers Area of Advance: Built Environment by commitment of Chalmers vice president Anne-Marie Hermansson.
2008-2011	Assistant Professor, Department of Architecture, Chalmers University of Technology. <i>Funded by Formas and search for in open competition in the general call 2007, externally evaluated for a second part in 2009</i>
2006-2007	Post doctoral visits, department of Civil and Environmental Engineering, Luleå University of Technology
2003 -2005	Project Manager, Sweco Project Management, in the field of Design Management, Construction Briefing, R&D and Education
1998-2003	Doctoral position, PhD studies at Chalmers University of Technology
2001	Project manager and construction client representative, Svenska Kontor, during part time leave from PhD studies in 2001
1990-1992	Architectural practice, Liljewall Arkitekter, Göteborg, incl. summer -93, -94 and 97 while studying architecture at Chalmers

Research Qualifications

Scientific Education

- **Ph.D in Architecture**

Ph.D Dissertation: Exploring Construction Briefing, from Document to Process, department of Architecture, Chalmers University of Technology, Supervisors: prof. Sven Fristedt and prof. Knut Strömberg (2003)

- **Licentiate in Architecture**

Licentiate thesis: Byggnadsprogram som informationsbärare i byggprocessen: en studie av byggnadsprogrammering, (The Architectural brief as carrier of client-information during the building process), at Chalmers University of Technology, Deputy Supervisor: Ass. Prof. Anna Kadefors (2001)

Research

2011-2013: **Arena Users & Demands:** Commercial and Residential Properties - Empower the users to enhance appropriate quality requirements funded by Formas.

The objective of this P&D project is to raise the quality of building construction & management by empowering the client/user to make clear demands on the quality of residential & commercial property. This requires knowledge about reasonable demands, both in terms of technical qualities & in terms of non-measurable or experiential qualities, in order to distinguish between specified-, delivered-, & perceived quality. Necessary aspects for the industry to deliver right products for right price. The overall purpose is to provide deeper understanding of factors critical to creating value for tenants: how users of commercial & residential properties make their demands & desires known & formulate them clearly enough to ensure that the standards targeted by the project create value for them? (Methods identifying needs & addressing demands: empowering the users); how have the users desires & expectations been satisfied? (Measuring/verifying/evaluating qualities) & how can users make demands when the market is not adapted for it? (For example, when the users lack the ability to identify & formulate their demands.)

2010: **Planning grant** "Arena Users & Demands" funded by Formas 25 000 SEK.

2009-2011: **Value Driven Procurement in Building and Real Estate Sector**, SWE part of an Eracobuild-application, funded by Formas. Later transferred to The School of Engineering Jönköping.

The overall aim of the project was to improve the procurement processes within Real Estate and by that the client organizations capacity to add value for end users and society by shaping and delivering a built environment that meet actual needs. This was the Swedish part of an Eracobuild proposal "ValPro" aimed at developing concepts, methods and tools to support value-based procurement. Earlier research within the building sector has mainly focused on reducing the initial (investment) costs, rather than applying any comprehensive approaches for optimizing total facility life cycle values for owners, users and the society. This is partly due to lack of models, methods and tools for total life cycle value management, partly due to current business models and contractual frameworks that do not provide for innovation and novel value sharing schemes. Our /my contribution in the Eracobuild setting is competence in planning, briefing and procurement strategies for successful delivery of clients goals, ICT applications as well as deep understanding of client organization practice. The project results aims to increase the value and performance in the innovation process involving building stakeholders throughout smart and innovative construction support ICT tools.

2009-2011: **Clients' and Architects' Strategies in Early Stages**: a collaborative approach for added value in the built environment: part II of an Assistant Professorship position at Chalmers, funded by Formas.

This funding refers to a continuation employment for me as an assistant professor at Chalmers University of Technology focusing current collaboration processes in early stages of the construction process of clients and architects work to enhance value in the built environment based on research of performance based briefing, project and requirement management. The theoretical framework has been Project and Value Management (PM and VM) and Requirements Management (RM).

In addition to that, my continuous participation in the Construction Client Forums and The Swedish Association of Architects educational programs added valuable national collaboration and networking in the field of client and architect relationships in early stages. Effective collaboration in early stages is a powerful driving force for improvements and innovation in the building and construction sector.

2008 - 2009: **Clients' and Architects' Strategies in Early Stages** - a collaborative approach for added value in the built environment: part I of an Assistant Professorship position at Chalmers, funded by Formas.

The overriding aim of this project was to determine critical factors that enable collaborative performance based briefing to enhance added value in the built environment. Drawing on case studies, project documents (i.e strategic and outline briefs) and interviews I comprehensively audited the following research questions; What are the main reasons for the lack of a collaborative working process' between clients and architects in the early stages? How is the translation of qualitative user requirements into value added building performance specifications managed within by client organizations vs. architects? How can construction clients foresee, anticipate and handle related problems during the briefing processes in a collaborative setting? What strategies and channels would be best suited to reform and develop construction clients briefing encourage the revision and building development of collaboration in early stages? In a summary this project exposed problems and increase the understanding of relationships, in particular, with clients and architects and specifically, in early stages, which can affect the development of added value in the built environment.

2008-2010: **V4C: Value Creation in Cultural Construction**, part of a PhD funding at LTU, by Formas, *This project focused questions regarding value management and the values that a public building contributes to the client, developer, users and other stakeholders, i.e. to the society, community, municipality and its citizen and to the actors within the construction industry. A close interaction with the municipality of Luleå and the local contractor Nåiden Bygg AB formed the base for a qualitative case study of the value of a new cultural construction project in Luleå, as well as a benchmarking study of several other new cultural projects in Sweden. The project was performed as a PhD-project by Kristina Laurell Stenlunds in the Construction Engineering and Management Research Group, at Luleå University of Technology. Supervisors: Professor Thomas Olofsson PhD, Nina Ryd (Chalmers) PhD Elin Wihlborg (Linköpings University).*

2007: **The materia of culture**, part of a PhD-project at LTU, funded by SBUF: The Development Fund of the Swedish Construction Industry.

2006-2007: **Construction Client Driven Performance Based Briefing & Building Performance Evaluation**: Post doctoral scholarship funded by Formas at LTU.

I did an extension of my post doctoral studies at Luleå University of Technology with an additional year (2007). Case studies in The Netherlands and Denmark had already given international knowledge exchange about current briefing processes, construction clients briefing tools, and building performance evaluations to examine how well buildings fulfill clients' needs. However, this extension gave the opportunities for more in-depth knowledge of performance based briefing process and requirement management based on building sector clients. Engagement in the European R&D project InPro (026716-2 /Open Information Environment for knowledge-based Collaborative Process throughout the life cycle of a Building) contributed to more comprehensive theoretical studies in Requirements Management (RM) in relation to Value Management (VM) and Building Performance Evaluation (BPE). The Post Doc period also refers to an increased international engagement as an invited specialist for ECTP (European Construction Technology Platform) Advisory Group on "Client Needs & Requirements" and ICCF (International Construction Client Forum) in "Briefing Tools".

2006-2007: Engagement as researcher in the **European R&D project: InPro** (026716-2 /Open Information Environment for knowledge-based Collaborative Process throughout the life cycle of a Building), LTU/Construction Client Forum funded by the European Commission.

InPro - was an industry-led collaborative research project aiming at the early design phase of a building. It was part-funded by the European Commission under framework program 6. The project started 1 September 2006 and ended 30 November 2010. Twenty partners were involved, representing eight countries across Europe. The main objective of InPro was to "develop and establish a model-based and collaborative way of working in the early design phase, considering the whole life-cycle of a building." Objectives: 1) Business concepts and processes that provide incentives for model-based working and open collaboration between all stakeholders (Business pull) 2) Smart, fully semantic ICT enabling an exchange, sharing and reuse of information throughout the building lifecycle (Technology push) 3) Support actions for direct implementation in the European construction sector (Industrial transformation). My contribution was competence about the architects and construction client's roles and responsibilities in the early stages. The experience of participating in such a large EU project was stunning according to the governance of the construction contractor's point of view.

2007: Researcher in the R&D project: **Coordinating construction and equipment processes**, R&D project by commission of the Swedish Association of Local Authorities and Regions (SALAR), The Growth and Community Development Division, *resulting in the publication "Rätt rustad för inredning"*

2007: Project planning and management of the R&D project: **Tidiga skeden**, in collaboration with the Swedish Construction Cost Forum, Swedish association of Architects & Construction Client Forum *Funded by Boverket/Byggkostnadsforum - a commission resulting in the publication "Tidiga skeden"*.

2007: Researcher in the R&D project: **Assessment of school buildings**, R&D project by commission of the Swedish Association of Local Authorities and Regions (SALAR), The Growth and Community Development Division, *resulting in the publication "Fick du det du beställde?"*.

2006-2007: Specialist in the R&D project: **Requirements for office tenants**, R&D project, Swedish Council for Constructing Excellence (BQR) and The Swedish Union of Tenants.

2006: Researcher in the R&D project: **Construction project management in Early Stages**, R&D project, CMB, Chalmers

2005-2006: Researcher in the Swedish Council for Constructing Excellence (BQR) R&D project: **Evaluation tool for project follow-up**, SIQ and Chalmers, funded by the Swedish Government's Byggekostnadsforum.

2004-2006: Project manager/Implementation and researcher for the R&D project: **Client's tools for leading edge construction and design briefing**, funded by Formas and BIC in collaboration with industrial partners, School of Architecture, in collaboration with Inga Malmqvist Chalmers.

2004-2005: Project manager/Implementation and researcher for the R&D project: **Closing The Loop - Encouraging Post Occupancy Evaluation**, funded by Formas and BIC, in collaboration with industrial partners, Malmö University, School of Technology and society.

2003: **Publication grants**, Formas/Arkus for the work with the handbook "Att lyckas med program" in collaboration with professor Sven Fristedt

Participation in research at the Department of Space and Process at the School of Architecture at Chalmers as part of PhD in 1998-2000 and 2002-2003, for example the EU project: Workspace, in collaboration with Ericsson Microwave Systems AB.

PhD supervision

Main supervisor for PhD student, Master of architecture Johanna Eriksson, SWECO, at the department of Architecture, Chalmers, in connections to the Formas project Arena Users & Demands: Commercial and Residential Properties - Empower the users to enhance appropriate quality requirements. Expected licentiate degree dec 2013.

Deputy supervisor for PhD student Morgan Andersson at the department of Architecture, expected PhD dissertation autumn 2013.

Deputy supervisor since 2007-sept 2010 for PhD Kristina Laurell Stenlund: Value creation in development and construction of public buildings : the case of houses of culture the Department of Civil and Environmental Engineering, LTU. Available at: <http://www.ltu.se/staff/k/krilau?l=en>

Co-supervisor: doctoral student Jutta Schade in requirements transformation in construction design at Construction Management, Luleå University of Technology (autum 2006).

Other relevant merits in supervision of PhD Students

The practice of coaching for leadership

Autum 2009: 5 days, 35 hours, training aimed to give each participant an increased awareness and understanding of how a coaching approach is applicable and can be integrated into one's own leadership role. Theory alternated with practical training given by Gunnar Jonnergård at Chalmers and Helena Wennerhill.

Handledarforum

Spring 2009: 4 occasions, 11 hours, participation in the first pilot course hold at Chalmers aiming at knowledge and experience exchange of ideas on relations and communications in academic leadership, formulating goals for own development and to network with other supervisors at Chalmers. Ref: PeO Hillman, Birgitta Ryberg, Alf-Erik Almstedt.

Supervision of Research

Autumn 2008: 4 full day sessions (face to face) 32 hours and written assignments, approx 20 hours.

TLE202 Supervision of Research - Principles, Models and Issues the compulsory course given by prof. M Christie at Chalmers Centre for Competence and Knowledge Building in Higher Education.

Spring 2008: 2 days (14 hours) internal course/Forum for supervision of Ph.D students at the department of Architecture - focusing gender & relations - given by Frida Lisak, Psychologist and Urban Bergsten, The Swedish School of Sport and Health Sciences in collaboration with Johanna Almer, Chalmers and Gunilla Thor.

Chalmers mentor program for female Ph. D students (1/14: prequalified/selected) 2000.

Chairman of the PhD Council, Department of architecture, Chalmers, 1999-2000

Scientific Missions

National and international networks

CIB (Conseil International du Bâtiment"/International Council for Building) member **Working Commission on Clients and Users in Construction W118**

ICCF: Member of the International Construction Client Forum, since 2004

ECTP: The European Construction Technology Platform's Advisory Group of Clients and Users: Invited keynote speaker on "Client Needs & Requirements", ECTP (European Construction Technology Platform) workshop on the state of the art of demand specifications in building and construction that adequately cover the needs and requirements of clients and end-users, 22nd June in the Hague, The Netherlands

The Swedish Centre for Innovation and Quality in the Built Environment:

Member of the board of IQ Samhällsbyggnad, 2011-present

The Swedish universities of civil engineering in Construction

Member of the board of Sveriges Bygguniversitet www.sverigesbygguniversitet.se (The Swedish universities of civil engineering in Construction) 2011 – 2013.

Faculty Senate

Member of the Faculty Senate at Chalmers University of Technology, 2008 - 2011.

Bygginnovationen

Member of the board of the Vinnova program aiming to develop a strong and lasting innovation environment for the Swedish construction sector, 2013-present

Centre for Management of the Built Environment

Member of the board of Centre for Management of the Built Environment at Chalmers, 2011-2013

Centre for Healthcare Architecture

Member of the board of The Centre for Healthcare Architecture, 2010-2013

Chalmers Learning Centre

Member of the steering group of Chalmers Learning Centre, 2010-2013

Chalmers Fastigheter

Member of the board of Chalmers Fastigheter, (The Real Estate and Construction Client organization of Chalmers), 2011-present

Arkus: research and development in architecture and built environment

Member of the board 2011-present.

Others:

Member of the Chalmers Area of Advance: Built Environments' group on behalf of the vice president Anne-Marie Hermansson and deputy executive officer Stefan Bengtsson at Chalmers University of Technology, elected feb 2010 - may 2010

Participation in The Swedish Construction Client Forums international R&D group since 2007-present

Member of the Swedish Construction Clients R&D committee, 2008 - until 2012 when concluded.

Coordinator for an International Workshop at Chalmers University of Technology in Design & Construction Briefing/Programming, 3 February 2005, Sweden

Awards and special commissions

Director Chalmers Area of Advance Built Environment on commission of vice president Anne-Marie Hermansson, (may 2010- oct 2011 acting director) – present

Member of the Chalmers department of Architectures steering council, autumn 2012-2013

Member of the educational board for the bachelor program Business Development and Entrepreneurship Engineering at Chalmers, 2012-present.

Member of elektor assembly in commission to appoint members to Formas scientific council 2012 appointed by Chalmers vice-president Mats Viberg.

Member of "Kunskap Göteborg" the editorial board, autumn 2011, appointed by prof L. Vahle Westerhäll and prof M. Fritz, University of Gothenburg School of Business, Economics and Law

Development secretary for the local department of Swedish association of construction clients (Bygghergruppen i Göteborg) in 2005 -2010

Member of the board at Solvina AB, Systems Engineering, 1998 - present

Second Prize "Wernstedt sketch" architectural competition, 1997

Member of the board at the School of architecture, Chalmers in 1992-1993

Referee

Invited scientific reviewer CIB: The International Building Council, World Building Congress, 5 - 9 May 2013, Brisbane.

Member of the scientific committee, ARCH12 conference, International Conference in Health Care Building, 12-14 Nov 2012.

Scientific assessor, for PhD Bernt Lundgren in his application for an Associate Professorship at KTH Royal Institute of Technology, spring 2012, Stockholm .

Discussion leader, licentiate seminar, M Arch. Ulf Nordwall: *Architectural Qualities in Housing*, Department of Applied Physics & Electronics, Umeå, 15 december 2011.

Chalmers reviewer for The Knut and Alice Wallenberg Foundation on behalf of Strategic Research Support, October 2011.

Member of the scientific committee of *World Sustainable Building conference*, Helsinki, www.sb11.org, 18 - 21 October 2011.

Member of the scientific committee, *5th Nordic Conference in Construction, Economics and Organisation*, June 2009, Reykjavík

Member of the scientific committee, *4th Nordic Conference in Construction, Economics and Organisation* 14th – 15th June 2007, Luleå

Commitments as sensor, The Norwegian University of Science and Technology (NTNU) since 2009

Alternate member, in the dissertation examination committee for PhD Barbara Rubino, Chalmers University of Technology, 2009.

Discussion leader, final seminar, tekn.lic Ekaterina Osipova: *Risk management in construction projects: a comparative study of the different procurement options in Sweden*, dep. of Architecture and Infrastructure, LTU, 7 march 2008.

Selected lecturing and teaching activities

Undergraduate level (selected):

Jan-May 2011, 2012 & 2013: Examiner for bachelor thesis, ARX04 Business Development and Entrepreneurship in construction at Chalmers (28 students)

April 2011 and 2012: “The construction Clients Brief as information carrier”, LTB 399 Chalmers AE, course Renovation, 2x4 hours lecturing (approx 25 students).

January 2003-2013: “About design and architectural briefing”, Arbetets Rum/ AIP016 - Workspace design, 3 hours lecturing (60-80 students) at 8 occasion + continues yearly critiques reviewer during exams from 2003-2011; 8 times approx 30 hours/occasion in total 240 hours in the same course.

August 2010, 2009, 2008: “Architecture for me” introduction lecture about how to work as an architect for first year students at the School of Architecture, Chalmers, (approx 80 students/year).

April 2010: “The theory of Design Management”, Arbetets Rum/ Workspace Design, lecturing (approx 70 students).

Masters level (selected):

August 2010, 2009: “Construction management”, P0007B, 2x4 hours lecturing (approx 110 students/course), Department of Civil and Environmental Engineering, Luleå University of Technology.

October 2009: introduction lecture about “How to write master’s thesis compared to an architectural brief” (approx 60 students), at the department of Architecture.

February 2009: “Architectural Briefing “course about the Construction Client Role, approx 30 students, 4 hours lecturing + external review of written assignments in dialogue seminars (10 hours), Department of Civil and Environmental Engineering, Luleå University of Technology.

Autumn 2007: Tutoring and participation in the advance of a new course at master level, K0010B Utvecklingsprojekt/Development project 15.0 Hp, the Department of Civil and Environmental Engineering.

Postgraduate education (selected):

October 2012: *Identifying communities of interest, who can benefit from your research*, The ResArc PhD course: Approaches, given by Chalmers, LTH, KTH, HDK and Umeå.

October 2012 (and forthcoming in mars 2013): *The Construction Client Role*, invited speaker by Construction Client Forum, (24 professional construction clients), 2013 expected 300 participants.

September 2012: *Research to Construction Business*, Innovation environment for the Swedish construction sector, the Swedish University of Building Engineering Sciences.

September 2012: *Personal leadership*, Stockholm School of Economics (26 senior professionals in Real Estate)

November 2011: *How to Capture Operational Needs*, Kvalitetsmässan, the Swedish Association of Local Authorities and Regions (SALAR) (approx 350 participants/professionals in public real estate)

October 2011: *Future development of Built Environment and exchange of knowledge*, The West Sweden Chamber of Commerce days (invited speaker – approx. 250 participants)

October 2011: *Conceptual phases – how to approach the client*, invited lecturer by STF a postgraduate education institute (22 professionals/ engineers and architects).

2007-2011: Continues lecturing and opponent at the Swedish Association of Architects professional educational programs in the field of client & architect briefing processes. (8 occasions with approx 25-30 professionals architects/course. 8x2 hours lecture, 8x2 hours review of written assignments in total with preparations approx 60 hours.)

2007-2010: Continues introductions lecturing about “Clients Briefing in early stages of the construction process”, commission given by the Swedish Construction Client association in collaboration with Chalmers, Royal Institute of Technology, Lund University and Luleå University of Technology, in total 4x3 hours lecturing, (approx 15-20 professional construction clients/course).

Mars 2009: “Proper process for equipment and furnishing” + “ The Role of the Construction Client”, invited lecturer (4 hours lecturing for approx 25 professionals in hospital planning) at School of Nordic Public Health Science.

November 2009: “Valuedriven and performance based briefing”, 3 hours education, invited guest lecturer by the arena for city architects in the Western part of Sweden, Norconsult.

2006, 2007, 2008, 2009: Education commissions for private organizations in the field of project development and briefing, BFAB and LISAB Stockholm. (20-25 professionals /course, 4 x 4 hours lecturing, dialogue, assignments and group work in total approx 60-70 hours of training.)

Autumn 2007: tutoring and participation in the advance of a new course (further education) "Briefing in Early Stages – a Client Perspective" in collaboration with Chalmers, LTH, KTH and LTH on commission of Construction Client Forum (approx 60 hours at 4 occasions with 15 professional Construction Clients).

Super visioning at master and postgraduate level

2013: Fredrik Karlsson & Christoffer Verschuur: *Qualified assessments of changes in property value in the built environment: A study on correlations between changes in an area and changed property value*

2013: Helene Borefjord & Mikaela Wallo: *Living at Rådhusberget: Future potential from existing tenants' perspective*

2013: Anton Larsson: *Polstjärnan: Ett fastighetsutvecklingsprojekt*

2013: Hanna Holmqvist & Sofie Papp: *Success Factors for Assisted Living: A study of the attitude of different parties regarding assisted living in the Gothenburg region*

2013: Victor Andersson & Robert Woodbridg: *The Tenant Way; Real estate companies way of working towards commercial tenants*

2013: Emmelie Andersson & Louise Röström: *Business-driven community development, Analysis of a hotel establishment in Partille*

2013: Patrik Ekström & Gabriel Envall: *Strategies for future development of properties: Refurbishment of Masthugget 11:13*

2012: Mia Söderberg: *Stadsutveckling med ekonomisk hållbarhet. Den socialt hållbara staden, en lönsam investering?*

2012: Bob Gustafson & Ida Jansson: *Neglected properties - A tool to identify and analyze a property's resources and opportunities from a value-adding perspective*

2012: Linnea Holmgren & Mathilda Wahlgren Field, *Social responsibility - an added value for Skanska and its customers*

2012: Gustav Lindman & Dino Soldin, *Vision North Gårda: A future Cityplan*

2012: Klas Johansson & Per Liljenfeldt, *Vision Änggårdsstaden, Transformation of högsbo industrial area to a mixed-use neighbourhood*

2011: Johan Sundberg & Jens Sandberg: *Utvecklings Program och Koncept för affärshuset Kompassen.*

2011: Peter Nystedt & Anela Mahutovic: *Fastighetsutveckling av Kontorshuset Gullbergsvass 5:1*

2011: Simon Levén & Fredrik Dierks: *Utvecklingsunderlag för Nya Varvet*

2009: Jens Vilhemson: *Planering av rörelsens arkitektur med nya verktyg*

2008: Johan Norlin: *Scenariobaserad Konstorsplanering*

2002: Emelie Larsson, *Brandig and Architecture, a study in architectural briefing with Posten Sverige AB*

Peer reviewed articles in international journals:

Andersson, M., Ryd, N. & Malmqvist, I., (forthcoming) *Exploring the function and use of common spaces in assisted living for older persons*, submitted to Health Environments Research & Design Journal

Stenlund, Olofsson, Ryd (forthcoming) *Creating stakeholder value in strategic briefing when building Houses of Culture*, Forthcoming publication in Journal of Construction Management and Economics.

Ryd, N. and Fristedt, S. (2007) Transforming strategic briefing into project briefs – a case study about client and contractor collaboration, *Facilities* Vol 25, No 5/6, pp. 185-202, Emerald Group Publishing Limited.

Lindahl, G. and Ryd, N. (2007) Clients' goals and the construction project management process, Facilities – Special Issue Changing User Demands on Adaptability and Flexibility, *Facilities* Vol 25, No 3/4, pp. 147-156, Emerald Group Publishing Limited.

Ryd, N. (2004) The design brief as carrier of client information during the construction process - Report from an Exploratory Case Study, International Journal for Design Research in Engineering, Architecture, Products and Systems, *Design Studies*, Elsevier Science Ltd.

Ryd, N. (2004) Facilitating Construction Briefing - From The Clients Points of View, *Nordic Journal of Surveying and Real Estate Research*, 2004:1.

Ryd, N. (2003) From building production-focused specifications towards a client- focused briefing process, *The Nordic Journal of Architectural Research*, 2003:2.

Theses:

Ryd, N. (2003) *Exploring Construction Briefing, from Document to Process*, doctoral dissertation, Department of Space and Processes, Chalmers University of Technology, Gothenburg, Sweden.

Ryd, N. (2001) *Byggnadsprogram som informationsbärare i byggprocessen: en studie av byggnadsprogrammering*, Licentiate dissertation, Department of Industrial Planning, School of Architecture, Chalmers University of Technology, Gothenburg, Sweden.

Proceedings and other reports in English (incl. oral presentations):

Ryd, N. (2013) *Clients and Architects experience of front-end management*, CIB: The International Building Council, World Building Congress, 5 - 9 May 2013, Brisbane.

Eriksson, J., Fröst, P.; Ryd, N., (2012) *Mapping a framework for co-design in healthcare projects: an empirical study*, ARCH12 conference, International Conference in Health Care Building, 12-14 Nov 2012.

Ryd, N and Fristedt, S.: (2012) *How to express goals for construction projects*. Management of Construction: Research to Practice, 26 – 29 June 2012, Montreal, Canada

Ryd, N and Foresaus Nilsson, S., (2011) *Built Environment, external review*, Chalmers Area of Advance, Göteborg.

Benning, P., Dumoulin, C.; Dehlin, S.; Tulke, J.; Åberg, P.; Ryd, N.; Laine, T.; Jaeger, J.; Brandt, T. (2010) *Collaboration processes A State of the Art*, Inpro-report D16A, the European Commission, Brussel. [Ryd planned and executed the State of the Art chapter, the report was written in collaboration.]

Schreyer, M.; Benning, P.; Ryd, N.; Tulke, J.; Jaeger, J.; Brandt, T. (2010) *A Smart Decision Making Framework for Building Information Models*. Inpro-report D10, the European Commission, Brussel. [Ryd performed input into the development of KPI:s and analyzed KPI initiatives. The report was written in collaboration.]

Schumacher, S; Couto, A; Flaspöhler, J; Jaeger, J; Benning, P; Ryd, N; Sandesten, S; Fristedt, S; Tulke, J; Chahrouh, R; Olofsson, T (2010) *Communication Strategies*, Inpro-report D11, the European Commission, Brussel. [Ryd contributed and analyzed the results regarding client and architect stakeholder perspective. The report was written in collaboration.]

Laurell-Stenlund, K., Ryd, N., Vennström, A., (2009) *Client's decisions in strategic briefs and their impact on user values*. Proceedings 25th Annual ARCOM Conference. Nottingham: Association of Researchers in Construction Management, 2009. p. 361-370. [Stenlund planned and executed, in collaboration with Ryd the case study. Stenlund and Wennström wrote the paper. Ryd provides reflections and comments regarding the construction client's roles and responsibilities according to briefing.]

Schreyer, M.; Benning, P.; Brandt, T.; Jäger, J.; Ryd, N.; Tulke, J. (2009) *A Smart Decision Making Framework for Building Information Models*, InPro Consortium : the European Commission. [Ryd performed input into the chapter of transforming values, how to analyze values and the SOTA of decision making methods. The report was written in collaboration.]

Ryd, N. (2008) *Initiating building projects: clients' and architects' front-end management of projects*: Chalmers University of Technology, Göteborg.

Outters, N., Woksepp, S., Liljeström, K., Ryd, N., Benning, P., Tulke, J., Nummelin, O., Laine, T., Jaeger, J., and Pfizener, M. (2007) *Use Cases*. InPro Consortium, the European Commission. [Ryd planned and executed the theoretical background of Use Case methodologies and how these can be transferred in to construction projects early stages. The report was written in collaboration.]

Ryd, N. and Lindahl, G. (2006) *Construction Client's Needs – Innovation in Construction Project Management*, Joint International Symposium of CIB Working Commissions, W55: Building Economics, W65: Organization and Management of Construction, Construction In The XXI Century: Local And Global Challenges, 18-20 October 2006, Rome, pp.286-287, full paper on CD. [Paper developed in collaboration with Lindahl.]

Ryd, N. (2006) *Enhancement of the briefing process by assessing building performance*, Joint (full ref. above) 18-20 October 2006, Rome, pp.284-285, full paper on CD (oral presentation).

Ryd, N. and Malmqvist, I. (2006) *Client's Tool for Construction and Design Briefing – an Empirical Study*, CIB W70 International Symposium, Changing User Demands on Buildings - Needs For Lifecycle Planning and Management 12 - 14 June 2006, in Trondheim . [Ryd planned and executed the project and wrote the paper. Malmqvist provided editorial comments.]

Ryd, N. and Lindahl, G. (2006) *User-Clients' Goals and The Construction Project Management Process*, (full ref. above) 12 - 14 June 2006, in Trondheim, (oral presentation) [Paper developed in collaboration with Lindahl.]

Ryd, N. and Malmqvist, I. (2005) *Client's Tool for Leading Edge Construction and Design Briefing*, Proceedings of the 11th joint CIB international Symposium, Combining Forces, Advancing Facilities Management and Construction through Innovation, June 13-16, 2005, Helsinki (oral presentation) [Ryd planned and executed the project and wrote the paper. Malmqvist provided editorial comments.]

Ryd, N. (2005) Encouraging *Facilities Managers to Conduct Post Occupancy Evaluations*, (full ref. above), June 13-16, 2005, Helsinki (oral presentation).

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