



The Royal Danish Academy of Fine Arts  
Schools of Architecture, Design and Conservation

## **Applications are invited for one PhD fellowship under the theme of Sustainable Technology and Artistic Research at KADK, the School of Architecture's Institutes 1 and 2**

The PhD project takes its starting point in the twofold relation between technology and art that has always existed – manifested by the Greek concept of *techné*, which describes both craftsman practice and art. According to Heidegger, technology meets art in the *bringing forth* (*hervorbringen*). This is where tectonics fit in: It is the art of the concrete.

Tectonic building culture is challenged by new demands on construction, which appear to impair the possibilities of working with a clear tectonic nimbus in architecture. In the light of new constructional requirements, the PhD project is to develop proposals for tectonic principles, systems and solutions that can point at a contemporary tectonic field within architectural practice. The objective is to bring forth series or families of tectonic fragments and components, addressed at concrete, static, thermal and spatial issues. The PhD project is thus to be a sort of tectonic basic research into current constructional, legislative and sustainability-related agendas.

The PhD project may be based on existing tectonic culture, e.g. within modernism's industrial construction, the welfare society's residential construction, prefabricated construction or similar. It may also take its point of departure in a freer analysis of different existing tectonic building typologies. Likewise, the project can place emphasis on one or more specific construction materials.

The PhD project lies in the field between architectural practice, sustainable technology and artistic research. The theoretical framework must therefore be developed in a conceptual universe that encompasses architecture, technology and art. The proposal must have the character of artistic research, materialised as drawings, models and 1:1 fragments related to specific materials.

The project will refer to two academic environments at KADK, the School of Architecture: The Institute of Building Culture, where in recent years, artistic research has been conducted and enhanced, and the Institute of Technology, where research into tectonic theory and practice has a central place. The project' double affiliation will be reflected in the distribution of the main supervisor and secondary supervisor functions across the two institutes, depending on the selected candidate's focus.

### **About PhD studies and the PhD degree at KADK**

At KADK, we work with both artistic research and scientific research within design, architecture and conservation in accordance with the 'Ministerial Order on the Act on Higher Artistic Educational Institutions' (of 18 December 2012, Section 2). The PhD degree is awarded – pursuant to the PhD

Order (of 14 January 2008, Section 11) – to a person who has written a dissertation that “*documents the writer's ability to apply the profession's scientific methods and to conduct research corresponding to the international standards for PhD degrees within the subject field*”. In other words, the PhD degree programme is to enable the student to demonstrate that he/she “*masters the scientific methods and tools and masters other skills related to research and development tasks within the subject area*” (quote from “The PhD level, the skills dimension – New Danish qualification framework for higher education programmes’ (May 2007)). In connection with the PhD programme, it is possible to conduct research ‘in, through and by design’ and to work with artistic research. However, in relation to the PhD degree, it is an indispensable criterion that the dissertation, which will be at the centre of the assessment – and which motivates, documents and analyses the research – complies with the PhD Order's and the qualification framework's requirements about scholarly character.

### **Application requirements**

No application form is used. Applicants must submit a written application in Danish, Norwegian, Swedish or English.

The application must be forwarded electronically – preferably as one combined PDF file – and must include:

- A project description accounting for the most important problem areas, theoretical orientation, methodology, relation to existing research and choice of materials, and a reflection on the project's perspectives as well as a preliminary study plan (max. five standard pages)
- A CV
- Documentation of educational background, other qualifications and previous work. If the applicant has non-Danish qualifications, these will have to be approved by the Danish Agency for International Education prior to appointment. Practical information is available at: [http://fivu.dk/en/education-and-institutions/recognition-and-transparency/recognition-guide?set\\_language=en&cl=en](http://fivu.dk/en/education-and-institutions/recognition-and-transparency/recognition-guide?set_language=en&cl=en)
- A list of any publications
- A portfolio, if possible

Applications must be forwarded to Ditte Dahl, ditte.dahl@kadm.dk, Research Administration, The Royal Danish Academy of Fine Arts Schools of Architecture, Design and Conservation **by 2 September 2013 at 12:00 noon.**

### **Terms of employment**

Enrolment will take place with a view to acquiring the PhD degree and entails salaried employment for three years in accordance with the agreement made between the Danish Ministry of Finance and The Danish Confederation of Professional Associations, AC, entry on PhD fellowships (Appendix 5). The salary consists of a seniority-based basic salary and a non-pensionable supplement, which currently amounts to DKK 1,257.83 per month.

The PhD degree programme is structured in accordance with the stipulations in Ministerial Order no. 114 of 8 March 2002 from the Danish Ministry of Science, Technology and Innovation about the PhD programme and the PhD degree. The Order may be found here (in Danish only):

<http://www.karch.dk/dk/Materiale/Forskningsforvaltningen/Pdf/Phd-filer/Phd-bekendtg%C3%B8relsen> or it can be obtained from KADK's Research Administration.

For further information, please contact Ditte Dahl by email at [ditte.dahl@kadk.dk](mailto:ditte.dahl@kadk.dk) or by tel. +45 41 70 15 32.

Anyone who satisfies the requirement about an academic education at Master's level, or who can document similar qualifications, is invited to apply for the fellowship, regardless of their age, gender, race, religion or ethnicity.

*The Royal Danish Academy of Fine Arts Schools of Architecture, Design and Conservation is an institution of higher education under the Danish Ministry of Science, Innovation and Higher Education. It is the school's mission to create the basis for high quality in people's physical surroundings through its educational programmes and research into architecture, design and conservation.*