



POLITECNICO
MILANO 1863

Supervisor Expression of Interest MSCA-IF Marie Sklodowska Curie Action-Individual Fellowship 2019

Supervisor name:	Pierre-Alain Croset
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Department Name: Research topic:	Department of Architecture and Urban Studies (DAStU) Architectural Design SH3_5 Population dynamics, aging, health and society
MSCA-IF Research Area Panels	<input type="checkbox"/> SOC_Social Sciences and Humanities
Politecnico di Milano Areas:	<input type="checkbox"/> Smart Cities <input type="checkbox"/> Territorial Fragilities <input type="checkbox"/> Health
Brief description of the Department and Research Group (including URL if applicable):	<p>The Department of Architecture and Urban Studies is a thematic and interdisciplinary research structure of the Politecnico di Milano, established in January 2013, and awarded for the period 2018-2022 as a Department of Excellence by the Ministry of University and Research on the themes of Territorial Fragilities. The Department carries out research, design experimentation and training activities in the field of architectural and urban design, spatial planning and territorial governance, urban policies, preservation and intervention on the built and natural heritage, historical and critical interpretation of architecture and the city. It is one of the most important research structures in Italy in the field of the disciplines of the city and territory, integrated in a strong international network of centres of excellence and open to different forms of co-operation with institutional and social actors at the local, national and international levels.</p> <p>The Marie Sklodowska Curie Fellow appointed will be supervised by Professor Pierre-Alain Croset, with the support of Research Labs of the DAStU, Politecnico di Milano. The supervisor moved recently as Professor at Politecnico di Milano, after 3 years in China as Head of the Department of Architecture at Xi'an Jiaotong-Liverpool University (XJTLU) in Suzhou. He has a long experience as a practicing architect and as a scholar, with a long record of publications and the supervision of PhD students in Austria, Italy and China.</p>



<p>Brief project description: (max 1 page)</p>	<p>Healthy Ageing and Community Housing: a Prototype for Intergenerational Solidarity and Social Integration</p> <p>Healthy Ageing is becoming today more and more important for the sustainable future of European cities. As defined by the World Health Organization, a priority will be to design “age-friendly cities and communities” as a “good place to grow older because it fosters Healthy Ageing and enables wellbeing throughout life” [WHO/OMS, <i>Ten priorities towards a decade of healthy ageing</i> (2015): https://www.who.int/ageing/WHO-ALC-10-priorities.pdf?ua=1]. Healthy Ageing is related with the “social fragility” of some categories of citizens, and for this related with the Research themes of “Territorial Fragilities” of the DASTU as a Department of Excellence.</p> <p>How can architectural design support Healthy Ageing and the development of age-friendly cities and communities? An effective innovation in the Housing for Elderly People is decisive to guarantee an actual human wellness in all its dimensions (physical, social, emotional, spiritual, environmental). The research proposal aims to explore new forms of senior housing based on the concept of “community” and “social integration”, reflecting on some complex social problems associated with the ageing in European cities. The Community Housing project will offer the possibility to answer social exclusion problems of the most underprivileged layers of the population (particularly the elderly, the poor and the new migrants), exploring new solutions based on the mix of functions and categories of residents. Is it possible to imagine new architectural units founded, as an example, on the hybridisation of a nursing home, a student home, a healthcare centre, a childcare centre? This question associates the search of new forms of housing for elderly people, with the active promotion of intergenerational solidarity, as a tool for increasing the social urban cohesion.</p> <p>This research project will not only be dedicated to produce traditional research outcomes (as published papers). The intention is to develop architectural prototypes as pilot projects, proposed for real sites and for actual inhabitants. "Research through Design" is a form of research that is characteristic of the architectural design discipline. The pilot projects, initially at smaller scales, offer opportunities for scientific rigour: if the results are positive for the inhabitants and for the investors, prototypes can be developed for a process of realization.</p> <p>The Marie Sklodowska Curie Fellow selected will be an architect, with a strong experience in urban design and architectural design, in both academic research and experimental innovative design. His/her initial task will be to research and design architectural solutions in relation with a community plan, in the form of a prototype. In a second phase, he/she will transform and adapt the prototype to the specific conditions of some actual urban sites in different European cities, verifying the flexibility of the prototype to answer to different situations.</p> <p>The Marie Sklodowska Curie Fellow appointed will be supervised by Professor Pierre-Alain Croset, with the support of Research Labs of the DASTU, Politecnico di Milano, in a strong relation with the general topics of “Territorial Fragilities”.</p>
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