ENERGY EFFICIENCY CONTEST

The objective of the Energy Efficiency Jury is to encourage excellence in systems and house design, while looking for reduction of energy consumption, and assessing the functionality and efficiency of all the house components. Teams must demonstrate to what degree the house design and its systems contribute to enhance the energy efficiency of the house. A total of 80 points will be awarded for this contest in the Competition. 20 points will be specifically allocated to the evaluation of housing and transport coupling.

The Energy Efficiency Jury will also evaluate the Innovation in Energy Efficiency by assessing the active and passive innovative technological contributions maximizing the energy efficiency of the house; innovative ways to improve the hydrothermal comfort and day lighting, thus promoting the livability of the house, as well as facilitating the perfect functioning of the house. Innovations that improve the energy efficiency of artificial lighting, houses' systems, equipment and appliances will be also assessed. A total of 15 points (out of 80 points) will be awarded by the Jury for this contest.

President - Harrison FRAKER



Chosen as the fifth Dean of the College of Environmental Design in University of California - Berkeley, Harrison Fraker was educated as an architect and urban designer at Princeton and Cambridge Universities and is recognized as a pioneer in passive solar, daylighting and sustainable design research and teaching. He has pursued a career bridging innovative architecture and urban design education with an award-winning

practice. He was awarded the Distinguished Service Medal for creating a new College of Architecture and Landscape Architecture at the University of Minnesota and was appointed the founding Dean. He was granted Fellowship in the AIA College of Fellows for his distinguished career of bridging education and practice. He has published seminal articles on the design potential of sustainable systems and urban design principles for transit oriented neighborhoods. He teaches design studio and believes in integrating pragmatic and theoretical analysis to create new knowledge about critical environmental design challenges He is currently pursuing research on best practices of sustainable facing society. neighborhoods globally and working on a whole-systems design approach for zero carbon neighborhoods in the San Francisco Bay Area and China. He stepped down as Dean in June 2008 and became the President of the Design History Foundation in the fall of the same year. He is also a visiting Professor at both Lund University in Sweden and Tongji University in Shanghai. He has been selected to receive the 2014 Topaz Medallion for Excellence in Architectural Education, the highest award given in the field jointly by the Association of Collegiate Schools of Architecture (ACSA) and the American Institute of Architecture (AIA).

Assessor - Marija TODOROVIC



Marija S. Todorovic has a Ph.D.Sci. from the Faculty of Mechanical Engineering, Belgrade, a specialization at the Institute for Thermodynamic and Refrigeration, Technical University Berlin, and conducts postdoctoral research at the UC Berkeley. She is professor at the University of Belgrade, a permanent guest professor Southeast University, Nanjing, China, research professor at the Kyung Hee University, Korea and

president of the IBPSA-Danube. She was visiting scholar at the University of Kansas, Hong Kong and Singapore. She was recognized, with the KU School of Engineering Team, at the US / DOE / Southern California Edison Consortium's "Solar Two Challenge" National Competition, 1994. She published and presented 260 scientific papers in international journals and conferences, 9 textbooks, edited 2 ICHMT's monographs on heat and mass transfer, coordinated 30 multidisciplinary R&D projects. She is Special Issues coordinating Editor of the Energy and Buildings, and Editorial Board member of the International Journal Global Warming and International Advisory Board member of Refrigeration. She is a recipient of the REHVA Professional Award in Science in 2010. She is a fellow ASHRAE, REHVA and WAAS, member of Serbian Academy of Engineering Sciences. She has provided numerous producers with design methods and thermal equipment prototypes, lectures extensively while working as a member of ASHRAE, REHVA, UNESCO and other international organizations, having made a substantial impact worldwide.

Assessor – Thierry SALOMON



Thierry Salomon is a French energy engineer. He is the co-founder and development manager of Izuba Energies, a cooperative involved in energy control and renewable energy use. He is involved in many specialized trainings including the INES Chambéry, ENSAM Bastia and architectural schools, as well as Masters Programmes at the Paris Institute of Political Studies. Since 2003, he has been the President of négaWatt, an association

that brings together over three hundred French experts and practitioners in the energy sector, who are committed to an energy future based on the concept embodied by négaWatt (i.e. energy savings through moderation and energy efficiency) and by resorting voluntarily to renewable energy. Within this association, Thierry Salomon coordinated the work of the team of experts who prepared the energy scenarios published by the Association in 2003 and 2006. He also participated in the Grenelle de l'Environnement, the French environment protocol. Thierry Salomon has authored many energy-related works, including: The Energy Saving House, Centre for Alternative Technology Publications, 2003; Fraîcheur SansClim', in collaboration with Claude Aubert (Éditions Terre Vivante, 2004).