

## Federico M. Butera



Federico M. Butera is professor of Environmental Applied Physics at the Politecnico di Milano, head of the research unit “Energy and Buildings” of the Department “Building & Environment Science and Technology”.

For 40 years has been actively concerned in the field of solar energy applications, low energy architecture and sustainable urban development.

He has been involved in many research tasks of the IEA Implementing Agreement "Energy Conservation in Buildings and Community Systems" and "Solar Heating and Cooling", as well as in several EC research programs and in UN and World Bank development projects dealing with renewable and efficient use of energy at community scale.

Besides his wide scientific production he is also author of books, articles and videos on energy issues for non-specialised audiences.

In the last years he has been involved in advanced projects, many of which realised, regarding sustainable buildings and town planning zero emission buildings design in Italy and abroad.

He was awarded “Pioneer for Contributions in renewable Energy” by the World Renewable Energy Network in 1998 and, for his “outstanding service to the utilization and promotion of Renewable Energies and Sustainable Architecture”, by Eurosolar in 2004.

His presentation is on: **The ideal city (sustainable): visions**