

CLEVER DESIGN AND AFFORDABLE COMFORT
A Challenge for Low Energy Architecture and Urban Planning

PLEA 2006
23rd INTERNATIONAL CONFERENCE ON
PASSIVE AND LOW ENERGY ARCHITECTURE
GENEVA SWITZERLAND 6 - 8 SEPTEMBER

CLEVER DESIGN AND AFFORDABLE COMFORT

A Challenge for Low Energy Architecture and Urban Planning

Dans un monde en profonde mutation énergétique, environnementale, sociale et économique, le travail de l'architecte et de l'urbaniste doit évoluer.

Les recherches et les expériences pilotes de la fin du XXe siècle ont suscité des connaissances et des techniques pour un environnement construit durable. Il s'agit aujourd'hui de les mettre en œuvre par une approche pluridisciplinaire intégrant aspects techniques et architecturaux, préoccupations sociales et données économiques. L'utilisation rationnelle de l'énergie et l'application des énergies renouvelables sont une nécessité et requièrent plus d'intelligence et de temps à l'élaboration du projet.

Un niveau de confort et de bien-être accessible à tous doit être proposé en alternative au chauffage et à la climatisation généralisés de notre société: un confort raisonnable adapté aux saisons, une transition douce entre intérieur et extérieur, favorables à la santé et appropriés aux solutions passives et aux énergies renouvelables.

THEMES

- **Leçons de l'architecture traditionnelle**
- **Stratégies et outils du projet**
- **Bien-être et confort à l'intérieur et à l'extérieur**
- **Confort intérieur dans les bâtiments vitrés**
- **Recherche et transfert de technologies**
- **Stratégies et outils d'aide pour la rénovation**
- **Enseignement de l'architecture pour une conception durable**
- **Projets à basse consommation d'énergie à l'échelle urbaine: exemples**
- **Etudes de cas**

La 23e conférence PLEA à Genève a pour but de valoriser les réflexions et les expériences propices au développement d'un environnement construit intelligent, durable et à la portée de tous.

CLEVER DESIGN AND AFFORDABLE COMFORT

A Challenge for Low Energy Architecture and Urban Planning

In a world undergoing profound changes at energetic, environmental, social and economic levels, the work of the architect and urban designer has to evolve accordingly.

Research and pilot experiments of the end of the 20th century have developed knowledge and techniques tending to a sustainable built environment. The concern today is to bring them into use through a multidisciplinary approach integrating technical and architectural aspects, social preoccupations and economic data. The rational use of energy and the implementation of renewable energies are highly necessary and require more intelligence and time for the project.

An affordable level of comfort and well-being must be proposed as an alternative to the growing standard heating and air-conditioning: a comfort adapted to the seasons and a smoother transition between interior and exterior, beneficial to health and more appropriate to passive solutions and renewable energies.

TOPICS

- **Lessons from traditional architecture**
- **Design strategies and tools**
- **Comfort and well-being in indoor and outdoor spaces**
- **Indoor comfort in glazed buildings**
- **Research and technology transfer**
- **Strategies and tools for renovation**
- **Architectural education for sustainable design**
- **Low energy design at urban scale: examples**
- **Case studies**

The 23rd PLEA conference in Geneva will emphasize the importance of considerations and experiences propitious for an intelligent, sustainable built environment, accessible to all.

COMMITTEES

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TUESDAY 5

17:00 Registration
19:00 Welcome

WEDNESDAY 6

08:00 Registration
09:00 Opening of the 23th PLEA conference
09:15 Keynote speaker
10:30 Coffee break
11:00 Technical session
12:30 Lunch
14:00 Poster session
14:30 Technical session
16:00 Coffee break
16:30 Technical session
18:00 Close day 1
19:00 Welcome from the City and Canton of Geneva

THURSDAY 7

09:00 Keynote speaker
10:30 Coffee break
11:00 Technical session
12:30 Lunch
14:00 Poster session
14:30 Technical session
16:00 Coffee break
16:30 Technical session
18:00 Close day 2
20:00 Official banquet, PLEA award

FRIDAY 8

09:00 Keynote speaker
10:30 Coffee break
11:00 Technical session
12:30 Lunch
14:00 Poster session
14:30 Technical session
16:00 Coffee break
16:30 Closing of PLEA 2006

INFORMATION

CALL FOR PAPERS, CALENDAR

- Deadline for abstracts 30 January 2006
- Notification of abstract acceptance 15 February 2006
- Deadline for full paper submission 31 March 2006
- Notification of paper acceptance 15 May 2006
- Deadline for full papers final versions 15 June 2006
- Notification for oral or poster presentation 30 June 2006

PUBLIC

Architects, environmental engineers, city planners, landscape architects, designers and all professionals involved in sustainable built environment.

LANGUAGE

The official language of PLEA 2006 is English. Simultaneous translation into French will be provided for key-speaker presentations.

VENUE

This three-day conference will be held in the Uni-Mail building of the University of Geneva, located in the town centre. It can be reached in 15 minutes by tram N° 13 or N° 15 from the Cornavin Railway Station (See details on the PLEA 2006 website).

REGISTRATION

Registration form is available on www.plea2006.org

Registration fees

before May

Full participant € 350
Student € 100

after May

Full participant € 400
Student € 150

PLEA 2006

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