



**PROGRESS  
OF RECYCLING  
IN THE BUILT  
ENVIRONMENT**

**2 – 4 DECEMBER 2009**

Caesar Business Conference Center  
São Paulo, Brazil

[WWW.RECYCLE2009.ORG](http://WWW.RECYCLE2009.ORG)

## **1<sup>ST</sup> ANNOUNCEMENT & CALL FOR PAPERS**

### **ABOUT THE CONFERENCE**

The amount of waste generated worldwide is much larger than the amount of goods consumed. The increasing scarcity of natural raw materials, combined with increasing costs and environmental constraints for landfilling is making recycling a growing business. The building and construction industry is responsible for more than 40% of the total raw materials extraction. Construction and demolition waste amount of 50% of the total urban waste. Therefore, the use of waste, both from construction as well from other industry, by the building and construction industry is both a need and an opportunity. Despite the impressive advance on the research and development on technologies and concepts related to the use of waste as raw materials in the built environment, there are many research demands, including still many questions remains:

- What are the long-term effects and limits of the use of waste as building materials in a closed cycle?
- How can we increase the transfer of the developed recycling technologies to the society?
- What are the opportunities to improve recycling technology for the several important waste, such as the different fractions of construction and demolition waste?
- How can we access sustainability of recycling technologies?
- What are the opportunities for innovation on recycling?
- Is it possible to harmonize many recycling cycles in civil construction?

### **THEMES**

The International RILEM Conference on Progress of Recycling in The Built Environment sponsored by RILEM Technical Committee 217 invites researchers to themes:

1. Waste management, integrated product responsibility and recycling in building and construction.
2. Design for recycling
3. Development of recycled products.
4. Recycling processing techniques.
5. Performance and durability of recycled products.
6. Environmental assessment and Life Cycle Analysis.
7. Health and occupational safety of recycling.
8. Business model and economic feasibility.
9. Standards, legislation and public policies.
10. Quality control of recycling process and products.
11. Case studies.

### **CALL FOR PAPERS**

Please express your interest by submitting an abstract (100-200 words), mentioning the theme and subject of the proposed paper(s) you wish to present. Five to six keywords can also be listed after your abstract.

[Email: abstracts@recycle2009.org](mailto:abstracts@recycle2009.org)

Papers will be refereed.

### **CALENDAR**

- Deadline for submission of Abstracts – **March 2009, 31**
- Notification of Abstracts & Preliminary Program – **April 2009, 30**
- Submission of papers – **June 2009, 30**



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Institute for Technological Research ([www.ipt.br](http://www.ipt.br))

#### **VENUE**

**Ceasar Park Faria Lima Convention Center**  
**Rua Olimpíadas, 205 - São Paulo, Brasil**

The conference will be held at the Conference Center of the new Caesar Business Faria Lima & Caesar Park Faria Lima Hotel complex located in São Paulo's newest business & night life neighborhood, the Vila Olímpia. The Caesar Business offers modern and pleasant atmosphere, impeccable business infrastructure and superior service to all guests. The adjoined Cesar Park Faria Lima offers a first class hotel services in luxurious and sophisticated ambiance the hotel offers comfortable accommodations in a modern and welcoming environment. Easiest Transportation from the Sao Paulo Guarulhos Airport to the Conference Hotel is - by taxi. The official taxi boot (Guarucoop) is located at exit of international Guarulhos airport arrival lounge. The price is approximately U\$50,00.

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