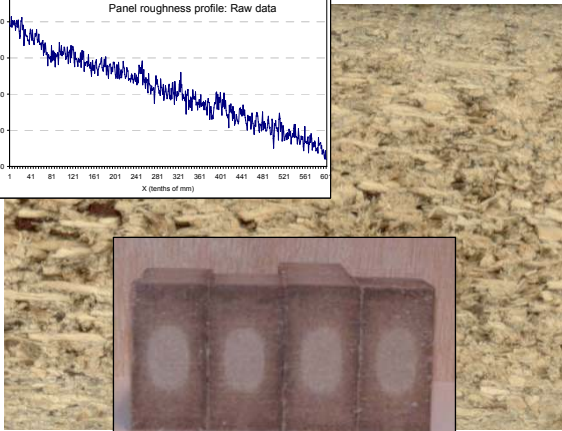
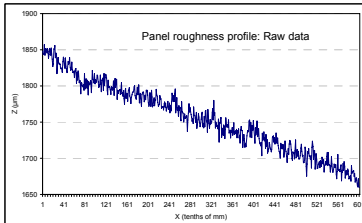




## COST E49

### Processes and Performance of Wood-Based Panels



Workshop:

### Adding Value through Physical Functionality

28<sup>th</sup> and 29<sup>th</sup> April 2009

Hotel Novotel Istanbul,  
Kazlıcesme Mah. Kennedy Cad. No:56  
Zeytinburnu 34025  
ISTANBUL Turkey

## BACKGROUND

Typically, conferences on wood-based panels (WBP) tend to focus on mechanical, i.e. strength, and chemical properties, e.g. VOC emission. In contrast, this workshop provides an opportunity for you to present and discuss research, innovation or products that will add value to the WBP through its physical properties.

## LANGUAGE:

The conference language will be English.

## PARTICIPATION FEES:

Conference fee: 150.00 €

Exhibition stand: 200 €

Accompanying person (meals): 50.00 €

The conference fees include the proceedings, coffee, lunches and the conference dinner.

## REGISTRATION

Please register by 10<sup>th</sup> April using the registration form available on the E49 website ([www.coste49.org](http://www.coste49.org)). In case of difficulty contact: [alma@ksu.edu.tr](mailto:alma@ksu.edu.tr), [khulya@gmail.com](mailto:khulya@gmail.com), or [mark.irle@ecoledubois.fr](mailto:mark.irle@ecoledubois.fr).

## HOW TO REACH THE CONFERENCE VENUE:

**By plane:** Atatürk International Airport or Sabiha Gökçe Airport and then take a taxi to Novotel.

**By train:** Use railway to Sirkeci (İstanbul) and then take a taxi to Novotel

**By car:** Use international road number of E-80 from Bulgaria and E-90 from Greece to Istanbul, then drive along the coast road and you will pass in front of the hotel.



## COST E49

The aim of COST Action E49 is to help the European wood-based panels sector to meet future demands and competition from other materials and markets through the scientific-based advance of wood-based panels and their production processes towards higher technical, economic and environmental standards.

The conference is being organised on behalf of E49 by Karadeniz Technical University and Kahramanmaraş Sutcu Imam University



## COST Action E49 Meeting

Tuesday (28/4/09)

### Time

- Visit to Kastamonu Entegre WBP  
factory in Gebze,  
**Alma M. H and Kalycioğlu H.**
- 09:00  
13:00 Lunch  
14:30 MC meeting  
18:00 Dinner

## One-Day Conference

Wednesday (29/4/09)

### Time

- 09:00 Welcome by local hosts and  
organiser  
**Alma, M. H, University of  
Kahramanmaraş Sutcu Imam  
Mr. Haluk, Kastamonu Entegre  
Irle M. Chairman of E49**
- 09:10 Overview of COST Action E49  
**Irle M. Chairman of E49**
- 09:25 Keynote Address  
**Wijnendaele, K., European Panel  
Federation**
- 09:50 Thermographic NDT on wood and  
wood-based materials.  
**Meinlschmidt, P., Fraunhofer  
Institute for Wood Research  
(WKI), Braunschweig, Germany**
- 10:10 Overview And Outlook On NDT  
Technologies For On-Line Control  
In The Wood-Based Panels  
Industry.  
**Barbu, M. C., University of  
Transilvania, Brasov, Romania**
- 10:30 Coffee break

- 11:00 Effect of some production  
parameters on dynamic modulus of  
elasticity of medium density  
fibreboard.  
**As, N. , Istanbul University,  
Forest Faculty, Istanbul, Turkey**
- 11:20 Innovative And Competitive  
Chemical Technology For  
Production Of Fire Resistant Wood  
Based Panels.  
**Markessinisi, K., Chimar Hellas  
S.A., Thessaloniki, Greece**
- 11:40 Thermal Insulating Particleboard  
From Bark.  
**Medved S., University of  
Ljubljana, Slovenia**
- 12:00 Dimensional changes and sound  
absorption properties of an  
aluminium-foam cored WBP.  
**Negro, F. Agroselviter, University  
of Torino – Italy**
- 12:20 Lunch
- 14:00 Physical and mechanical properties  
of beech plywood made of thermally  
modified veneers.  
**Maminski, M., Warsaw University  
of Life Sciences, Poland**
- 14:20 Thickness Swelling and Wettability  
of Structural Wood Based Panels  
Affecting by Heat Treatment .  
**Unsal, O., Istanbul University,  
Forest Faculty, Istanbul, Turkey**

- 14:40 The Influence of Thermal Treatment  
on Some Physical and Mechanic  
Properties Wood Based  
Composites.  
**Istek, A., Bartin University,  
Turkey**
- 15:00 Effect of recycled wood on  
particleboard machining.  
**Martins, J. , Universidade do  
Porto, PORTUGAL**
- 15:20 Coffee break
- 15:50 Effect Of Press Pressure On  
Surface Roughness And Wettability  
Of Medium Density Fiberboard  
(MDF) Panel.  
**Akbulut, T., Istanbul University,  
Forest Faculty, Istanbul, Turkey**
- 16:10 Colour determination of  
hydrothermally recycled  
particleboards.  
**Lykidis, C., Aristotle University of  
Thessaloniki, Greece**
- 16:30 The change in surface roughness of  
the particleboards induced by  
increasing moisture content.  
**Roffael, E., Goettingen University,  
Germany**
- 16:50 The Formation of the Cross-  
Sectional Density Profile of Wood-  
Based Panels.  
**Thoemen, H., University of  
Hamburg, Germany**
- 17:10 Close oral session
- 17:20 Poster session
- 18:20 Close of conference