



Unione Italiana Termofluidodinamica Heat Pipe Italian Club

con il patrocinio della Facoltà di Ingegneria, Università di Bergamo

Environmental and Industrial Heat Pipe Applications

Tuesday, 23th October 2012

**University of Bergamo - Engineering Department
Aula 20 – viale Marconi 5 – 24044 Dalmine - Italy**



Following the fruitful meeting in Pisa in June 2011, the Italian Heat Pipe Club is proposing the second workshop on the heat pipe technology for ground and space applications. The workshop is intended to be a bridge between the Italian research on Heat Pipes and the companies who are successfully applying such technology.

The companies can find in a single meeting most of the Italian research groups which are available in technological exchanges, Research&development projects at any level, consulting and prototyping. The workshop is sponsored by the Unione Italiana Termofluidodinamica (UIT) and a group of companies, institutes and universities.

For the organizers

Prof. Marco Marengo
University of Bergamo

Final Program

9.15 - 9.30	Introductory remarks and notes from the International Heat Pipe Conference
9.30- 10.30	Effective control systems using two-phase heat transfer devices. Problems and Suggested Solutions. Natallia Koneva, A.V. Luikov Heat & Mass Transfer Institute of National Academy of sciences of Belarus (HMTI)
10.30-11.00	Coffee Break (in a coffee bar outside)
11.00-11.30	Caratterizzazione termica di un tubo di calore a termosifone per applicazioni in collettori solari, D. Del Col, A. Padovan, M. Rossato
11.30-12.00	Pulsating Heat Pipe on the ISS: Ground Experiments, M. Mameli, M. Marengo, S. Filippeschi, S. Khandekar, M. Sala, N. Mores, R. Testa
12.00-12.30	NOTED - EMRP: an European project, A. Merlone
12:30-13:30	Lunch
14.00-15.30	Visit to the Engineering Labs in Dalmine
15.30-16.00	Two-phase technology for electro-optical payloads, M. Molina, Selex Galileo
16.00-16.30	Numerical analysis of a loop thermosyphon, S. Filippeschi, A. Franco
16.30-16.45	Closures
16.45-17.45	Heat Pipe Italian Club – association meeting

The presentations last 20 minutes + 10 minutes for questions and debate. The presentation slides will be given to the attendants after the workshop. If the authors want to preserve confidential information should prepare a clean version for the distribution.

Fees

No fee is required. A compulsory registration should be sent to seila.canova@unibg.it for organizing purposes before 22nd October 2012. Dott.ssa Canova may help for hotel and accommodation issues.

REGISTRATION FORM

Name _____ Surname _____

Affiliation _____

Address _____

Tel. _____ Fax _____ e-mail _____

I will attend to the workshop:

- with a contribute* *without any contribute*
- Research lecture*
 - Industrial communication*