



**The Laboratory of Physical and Chemical Study (LEPCM)
in collaboration with the Faculty of Science**

ORGANIZE THE

**1st International Workshop on the Thermodynamic of Metallic Alloys
WITAM'2015**

Presentation and objectives of the workshop

Thermodynamics is a powerful investigative tool applicable to various fields of physics and chemistry. Metallurgical thermodynamics processes the prediction of the type, number, amount and the stability of phases containing one or more metals, which may exist or co-exist at thermodynamic equilibrium by in establishing the phase diagram of the system and determining its thermodynamic functions. Established phase diagrams are roadmaps for technologists and industrialists in the development, forecasting, and the discovery of new materials. The first International workshop on the thermodynamics of metallic alloys (WITAM'2015) will provide a forum where researchers in this field, present their recent work, exchange experiences, strengthen ties of scientific cooperation and contribute to the promotion of research and development by approaching advantage of socio-economic world.

Topics

- A. Thermodynamic assessment (CALPHAD technique).
- B. Ab-initio Calculation of thermodynamic properties.
- C. Experimental methods of metallic alloys characterization.
- D. Experimental methods for determining thermodynamic properties of alloys.
- E. Phase transformation and metal precipitation.

Scientific committee

- Chairman:**
Pr. A. Belgacem-Bouzida U. Batna
- Membres :**
- | | |
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| Pr. M. S. Aida | U. Constantine (Algeria) |
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Honorary President ::

Pr. T. Benabid
Rector of the University Hadj Lakhdar - Batna.

Workshop president:

Pr. A. Belgacem-Bouzida

Organization committee:

Chairman :

Pr. Y. Djaballah

Members :

- Pr. E. Belbacha
- Mr. R. Beddiaf
- Mr. A. Benmechri
- Mr. A. Bennazer
- Pr. H. Baaziz
- Dr. D. Debache
- Mr. A. Hidoussi
- Mr. A. Kerboub
- Dr. H. Righi
- Mr. A. Said Amer
- Mr. H. Sassi
- Pr. A. Soudani
- Dr. M. Smadi

Important Dates

Submission Deadline

September 30, 2015

Notification of Acceptance

October 15, 2015

Registration Deadline

October 30, 2015

Workshop Date

November 17-18, 2015

Abstract Submission

Abstracts should not exceed 300 words (one A4 page). Please download the template file from the website:

<http://witam2015.univ-batna.dz>

Abstracts must be submitted via the website before September 30, 2015.

<http://witam.univ-batna.dz/openconf.php>

Contact:

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For more detail please visit the workshop website

<http://witam2015.univ-batna.dz>