

## Report to APDIC May 2005, Comité Argentino de Diagramas de Fases

### IX National Meeting of Phase Diagram October 2004

- Modification of non equilibrium diagrams  $\sigma$ -T with defects introduction by mechanics cycle in CuAlNi monocristal.
- Isothermic descomposition in CuAlNi, with shape memory at intermediate temperature.
- Phase estability in metallic glasses in the sistem Mg-Cu-Y.
- Descomposition of metaestable phase  $\gamma$ U in the U-7% Mo y U-7%Mo-0,9%Pt alloys.
- Zr rich zone in the sistem Fe-Zr. Experimental results.
- Invariants transformation in the Zr rich zone of sistem Zr-Cr.
- Interaction of ladles secondary refining slags with MgO-C refractory.
- Cd effect on the phase transformations in Cu-Al alloys.
- Disarrangement and ordainig of phase in  $\beta$  Cu-Al.
- Central zone of Zr-Nb-Fe phase diagram . Part II.
- Reactive sinterization of alumina-circona-ceria mixture.