

**Dear friends and members of the TASCAs community:**

Commissioning of TASCAs is making progress  
and it is time draw your attention to the next TASCAs **workshop:**



**TASCAs 07**  
will be held directly after the TAN 07 Conference  
in **DAVOS**, Switzerland,  
on Friday **September 28, 2007**.

More information is available at:

<http://www.gsi.de/TASCAs07>

The TASCAs 07 workshop will follow the "3<sup>rd</sup> Conference on the Chemistry and Physics of the Transactinide Elements" (TAN 07), and will be held at the same location – the Congress Center of Davos – on September 28, 2007.

In the TASCAs 07 workshop we will discuss

(i) aspects related to the chemistry and physics of transactinides and

(ii) aspects related to the ongoing and upcoming program with and at TASCAs:

- Heavy element separation in gas-filled separators
- Theoretical modeling of gas-filled separator performance
- Window and target designs for high intensity heavy-ion beams
- Coupling of chemistry devices to gas-filled separators
- Detectors and data acquisition
  - $\alpha$ -,  $\gamma$ -, and conversion electron spectroscopy in the focal plane
  - in combination with chemistry experiments
- Nuclear structure and stability (half lives, decay modes, single particle levels, ...)
- Nuclear reactions (fusion reactions, target-projectile combinations, cross sections, (multi-)nucleon transfer products, incomplete fusion, ...)
- Achievements and perspectives in superheavy element chemistry
- Results from the TASCAs commissioning program and future plans

**For registration and submitting a contribution please visit our web site.**

As we are assuming that all TASCAs 07 participants will have attended the TAN 07 duplicate presentations should be avoided at TASCAs 07.

The TASCAs 07 workshop in Davos will be organized by Robert Eichler (our local host), Andreas Türler and Alexander Yakushev (TU München), Dieter Ackermann, Christoph E. Düllmann and myself (GSI).

We are all looking forward to seeing you in Davos!

Cheers on behalf of the organizers,

Matthias