

Workshop on  
Activation Data – EAF 2007  
(An Impression)

E.T. Cheng  
TSI Research  
P.O. Box 2754  
Rancho Santa Fe, CA 92067

Cross Section Evaluation Working Group Meeting  
Brookhaven National Laboratory  
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## EAF – European Activation File

- A Very Active International Activity to Provide an Activation Data File
  - Complete and Accurate
  - Reaction Data and Decay Data
  - Evaluation and Experimental Verification
  - Energy Range to be Extended to 150 MeV for Technology Applications
- Workshops to Report Progress and Planning– Held Every Two Years
- Recent Workshop on Activation Data - EAF 2007 Was Held in Prague, Czech Republic, 2-4 October 2006: Local Organizer – Pavel Bem, Nuclear Physics Institute, Rez, Czech Republic
- Details see Agenda of the Workshop

Workshop  
on Activation Data  
**EAF 2007**  
02-04 October 2006  
Prague



***Nuclear Physics Institute, Rez, Czech Republic***

**Workshop on Activation Data - EAF 2007**  
***02-04 October 2006, Prague***

### **3<sup>rd</sup> Announcement**

#### **Agenda**

Monday	9:30-9:45	P. Bem	Welcome and practical details
		R.A. Forrest	Technical introduction
	9:45-10:30	S. Simakov	Determination of the white neutron spectra up to 60 MeV by dosimetry detectors
	10:30-10:45		Coffee break
	10:45-11:30	M. Honusek	The activation of Ta by quasi-monoenergetic neutrons below 40 MeV
	11:30-12:15	S. Simakov	Simulation of quasi-monoenergetic Li(p,n) neutron source up to 50 MeV proton energy
	12:15-14:00		Lunch
	14:00-14:45	A. Plompen	Geel activation measurements
	14:45-15:30	K. Seidel	Validation experiments at TU Dresden
	15:30-15:45		Coffee break
	15:45-16:30	E. Šimečková	The activation of Cu and Al by deuterons at energies up to 20 MeV
Tuesday	9:00-9:45	R.A. Forrest	Development work for EAF-2007
	9:45-10:30	E. Cheng	Fission Fusion hybrids
	10:30-10:45		Coffee break
	10:45-11:30	J-Ch. Sublet	FNS JAEA Decay Heat Experiment Revisited with EAF-2005.1
	11:30-12:15	H. Henriksson	The EFF Project Status and the NEA Nuclear Data Services

	12:15-14:00		Lunch
	14:00-14:45	V. Avrigeanu	Progress of fast-neutron activation analysis on medium-mass nuclei
	14:45-15:30	E. Běták	Radiative nucleon capture cross section calculations in MeV region
	15:30-15:45		Coffee break
	15:45-16:30	E. Dupont	Photonuclear Activation File (PAF): status and perspectives
	<b>19:30</b>		<b>Workshop dinner</b>
Wednesday	9:00-9:45	P. Bem	Activation cross section benchmarks at NPI cyclotron
	9:45-10:30	J-Ch. Sublet	The processing of large, multi-channels activation files
	10:30-10:45		Coffee break
	10:45-11:30	J. Kopecký	Preliminary EAF-2007: validation and new physics
	11:30-12:15	A. Koning	Massive activation cross section calculations
	12:15-14:00		Lunch
	14:00-14:45	M. Avrigeanu	Progress of deuteron activation analysis on medium-mass nuclei
	14:45-15:30	R.A. Forrest	Charged particle-induced reactions in EASY-2007
	15:30-16:30	All	Discussion on activation measurements, future plans
	16:30	P. Bem	Closing remarks