

**Meeting on tau Monte Carlos and related topics –
IFJ PAN Cracow, 16-20 September 2013**

**Main tasks in our attempts on better hadronic
currents for τ decays:**

- **physics models,**
- **fits to experimental data \rightarrow systematic errors,**
- **software organization, numerical algorithms,
parallel calculations, pre-tabulation of multi
dimensional integrals etc.**

First channel $\tau^- \rightarrow \pi^- \pi^- \pi^+ \nu_\tau$

- (1) Talk of Olga is for description of currents as we have it now.
- (2) Talk of Pablo is for theoretical systematic errors.
- (3) Talk of Ian is on fitting the data and how experimental systematic errors transmit to the results.
- (4) Talks of Tomasz and Kuba (friday) will be in part devoted to software solutions including technical tests, prototypes and parallel computing.
- (5) Other talks of today and tomorrow cover similar topics for other tau decay channels
- (6) ... also for similar discussion on other processes
- (7) ... and theoretical experimental foundations necessary for other processes.
- (8) **Adventure; rewarding, but at a time frustrating.**
- (9) All these points have to be re-defined whenever precision improves. We need to systematize our results for first channel and get good frame for future work.