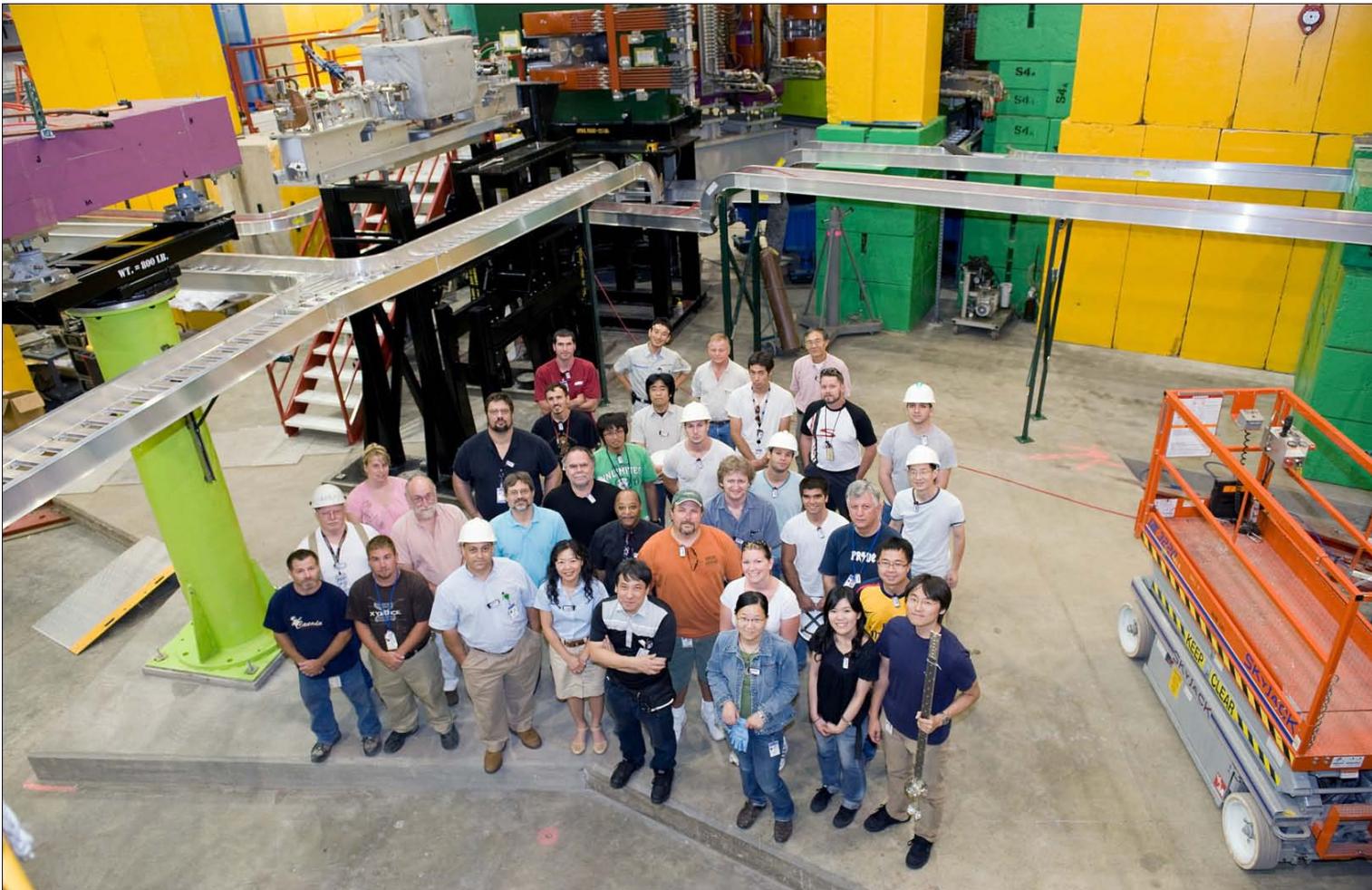


HKS – HES Collaboration Meeting, March 10 – 11, 2010

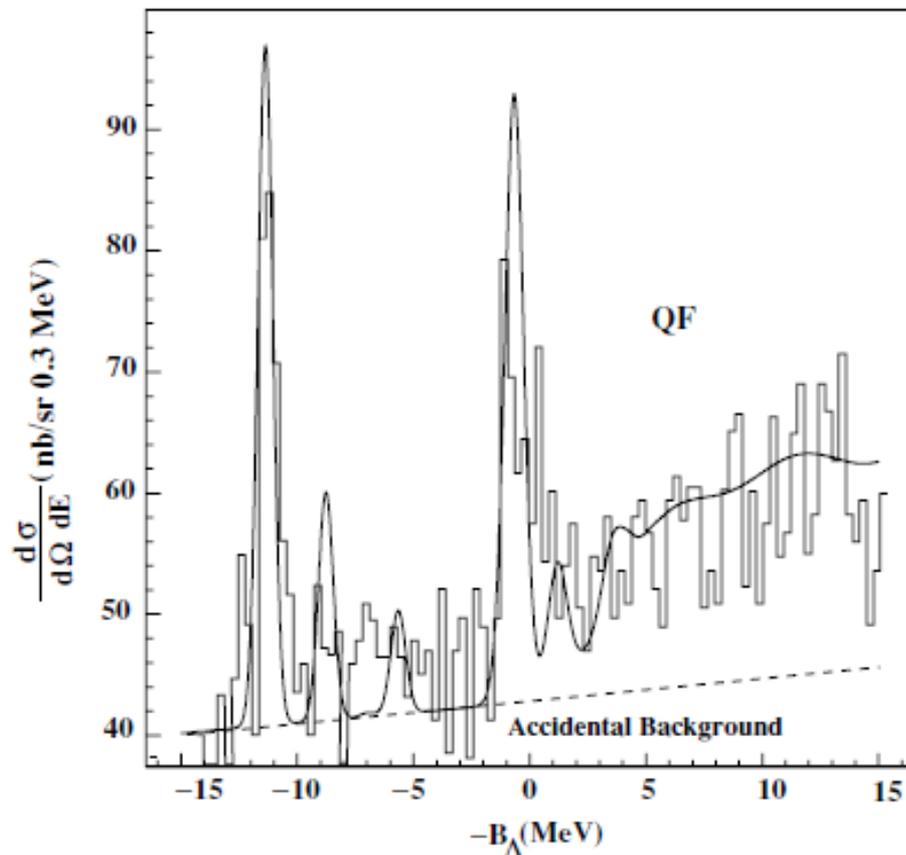
Tomislav Petković

**On the occasion of 10 years history of the hypernuclear spectroscopy in the Hall C
at the Jlab (*Remarks of gratitude*)**

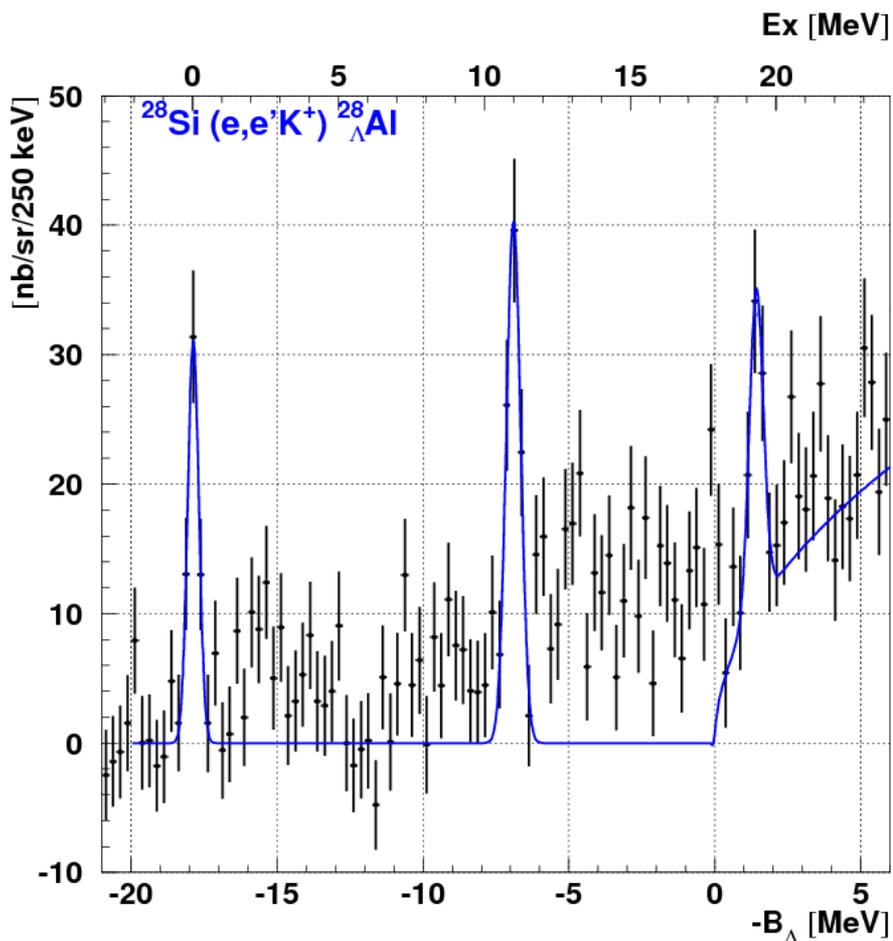


On the occasion of 10 years history of the hypernuclear spectroscopy in the Hall C at the Jlab

Experimental hypernuclear physics received a **scientific Renaissance at the JLab** in the last 10 years (for the period 2000 – 2010 at the Hall C), by the work of international collaboration HKS – HES consists of the scientists from Japan and USA with those from small countries such as Armenia or Croatia, including also China and Italy. Evolution of the hypernuclear spectroscopy based on the **(e,e'K⁺)** reaction, characterized by the **3 generations of the two-coincident spectrometers in the last 10 years**, may be understood already as the **substantial part of the history of hypernuclear physics**. That means history in a sense that 10-years development cannot be simply neglected by the frontiers of theoretical and experimental developments going on in nuclear and particle physics, as well as by the history of science and technology itself on the other side. Let me remind you how experimental development was brilliant in terms of energy resolution: from a lower values than **1 MeV** at **2000**, then about **0.500 MeV** in **2005**, and to be **0.250 MeV** in **2010**, as approximately improved by the factor of 2 rule by the new generation.

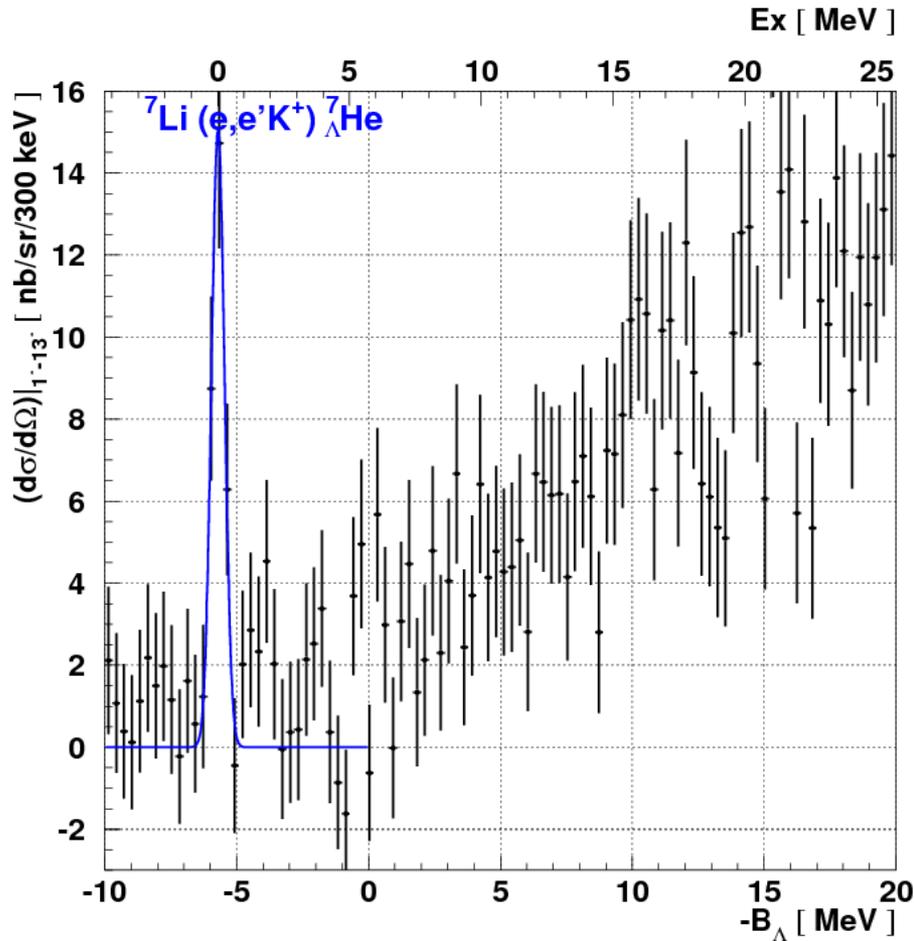


On the occasion of 10 years history of the hypernuclear spectroscopy in the Hall C at the JLab



- It is my greatest pleasure to mention and thank to a few eminent scientists (the first few among all the others: ***primus inter pares***), who made that ten years history at the JLab was possible, and who are very active today. They are (*always young*) guys promoting a new ideas and concepts important for hypernuclear physics. They are, namely, **four responsible spokespersons** of the hypernuclear experiments conducted in the Hall C of the JLab:
 - **Prof. Osamu Hashimoto**, Department of Applied Physics, Tohoku University, Sendai, Japan
 - **Prof. Liguang Tang**, Department of Applied Physics, Hampton University, Hampton, VA, USA
 - **Prof. Satoshi Nue Nakamura**, Department of Applied Physics, Tohoku University, Sendai, Japan
 - **Prof. Joerg Reinhold**, Department of Applied Physics, Florida International University, Miami, USA.

On the occasion of 10 years history of the hypernuclear spectroscopy in the Hall C at the Jlab



- On the occasion of this HKS – HES two days meeting and associated *End Run 2009 Party* cultural event, let me use an opportunity to deliver gifts to everyone of the mentioned scientists. I brought **Croatian bags** with the small gifts: that one includes ordinary (**T-shirt**) gift, second is the sophisticated **Croatian tie**, and the third a pure cultural item (a **small heart**). Each bag for each spokespersons for gearing up the new experiments & physics in our future plans.
- I do apologize that I didn't make remarks already in Zagreb due to other duties and teaching. However, here at the CEBAF Center within a few days before this Meeting I've got inspiration especially studying *Sendai08 Proceedings*, which is a marvelous book.

Newport News, March 10, 2010