



U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science



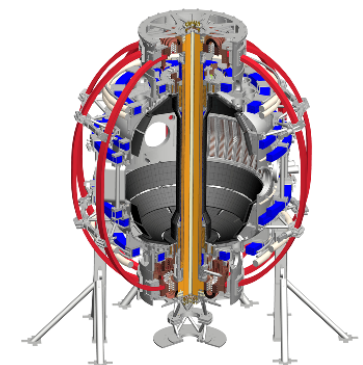
# What I did on my summer vacation (New EP results from 2016 campaign)

## Author list

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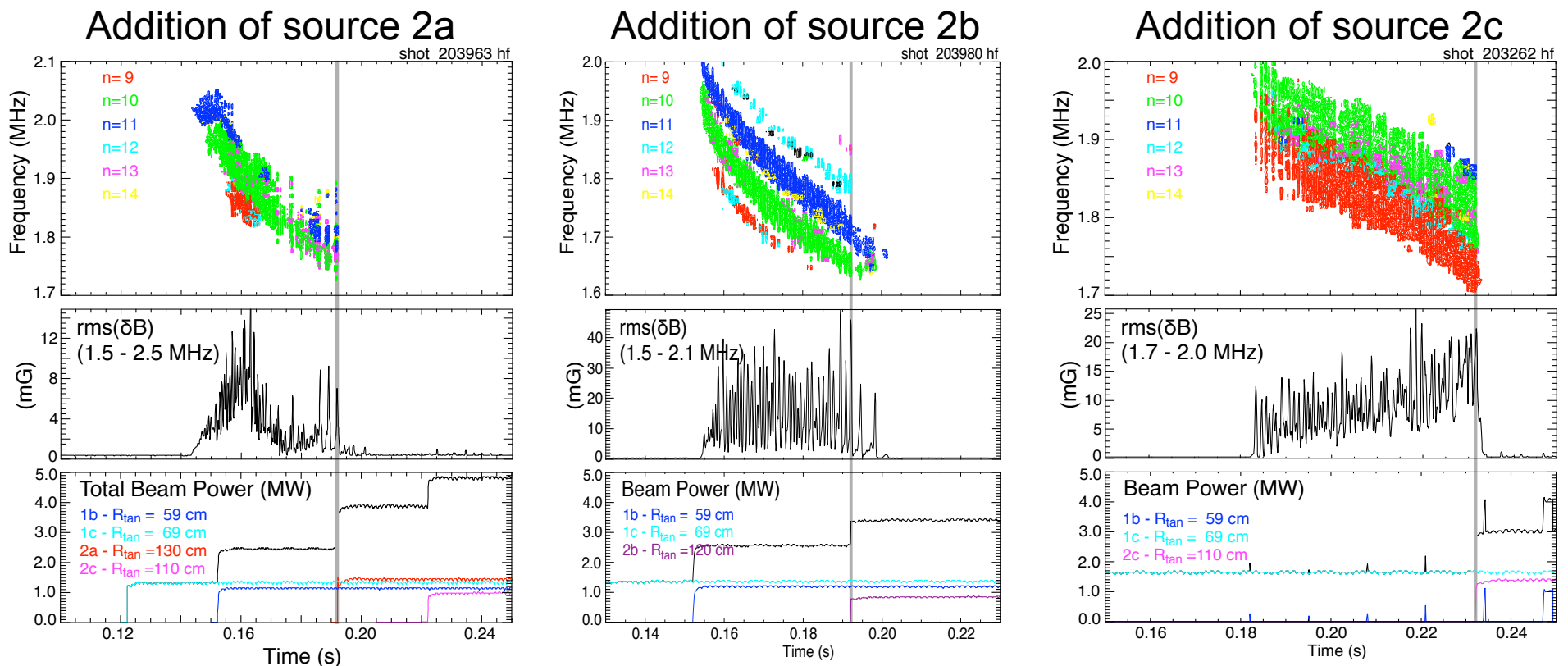


Meeting name here  
Meeting location - here  
Meeting date - today



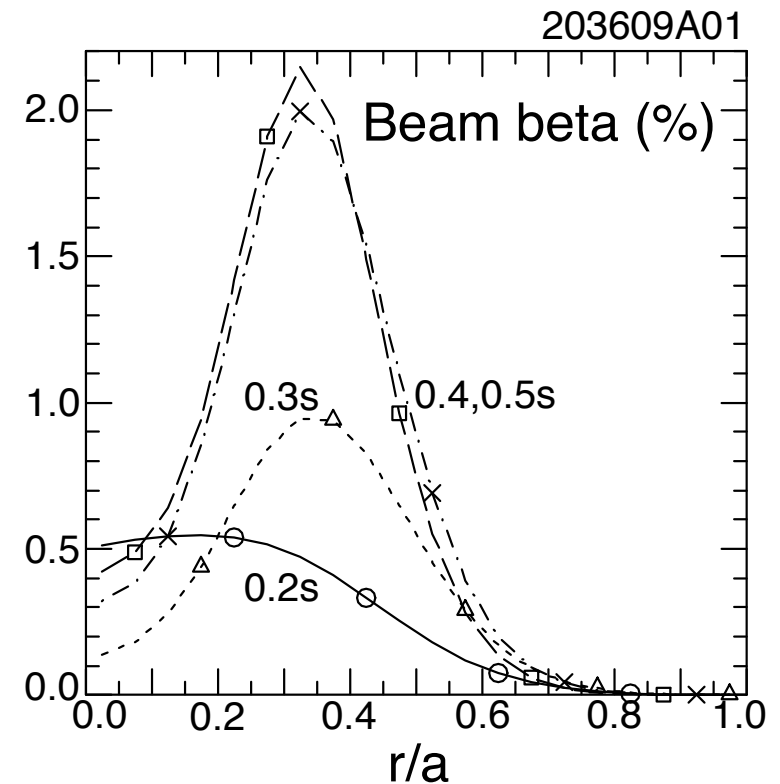
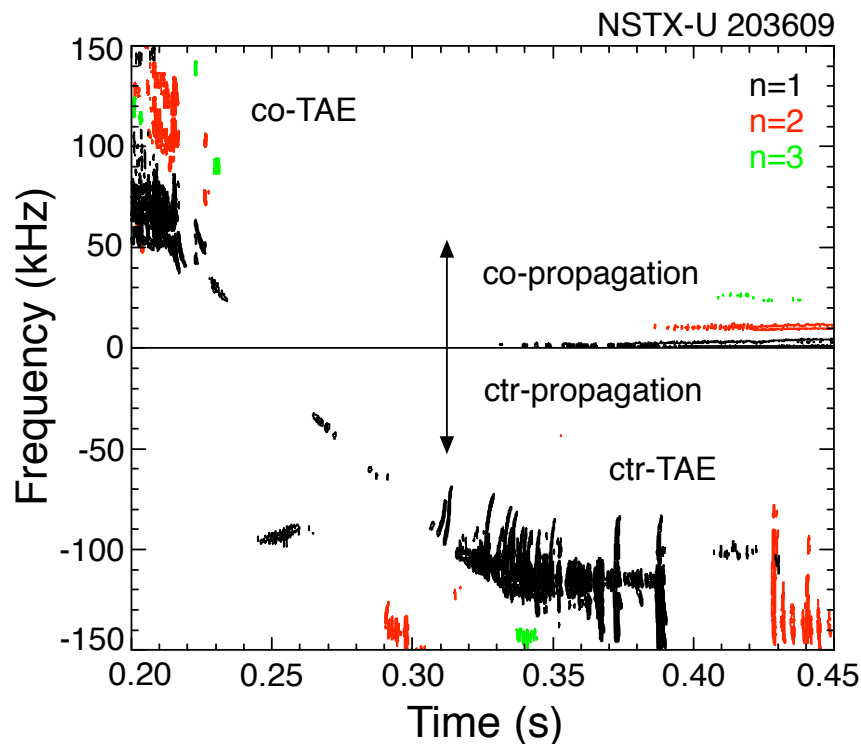
# Off-axis neutral beams suppress counter-propagating GAE

- GAE activity, excited by one or two BL#1 sources can be suppressed by adding one BL#2 source, any of 2a, 2b or 2c.
- Suppression can occur within milliseconds.
- Elena has preliminary results from HYM explaining this.



# BL#2a source excites counter-propagating TAE

- Initially, with only BL#2 the TAE are avalanching.
- As current builds up, beam distribution becomes hollow.
- Counter-propagating TAE predicted theoretically.
  - H.V. Wong, H. Berk, Phys. Lett. A **251** (1999) 126.



# The ICE-man commeth...

- Real ICE as opposed to CAE seen on NSTX-U.
- Higher field might be the key?
- Unlike CAE near cyclotron frequency on NSTX, these modes have *low* toroidal mode numbers.

