

**JINA-CEE Satellite Workshop
Experiments for X-Ray Burst Nucleosynthesis**

**Walter Hall, Ohio University
May 22, 2016**

Agenda

9:00 am – 9:15 am	Welcome	C. Deibel
9:15 am – 9:50 am	X-Ray Bursts and Observations	D. Galloway
9:50 am – 10:25 am	X-Ray Burst Models	L. Keek
10:25 am – 10:45 am	Coffee Break	
10:45 am – 11:20 am	Sensitivity Studies	H. Schatz
11:20 am – 12:00 pm	Discussion	
12:00 pm – 1:30 pm	Lunch	
1:30 pm – 3:10 pm	Contributions (10 – 15 min. each)	
	<ul style="list-style-type: none">• Recent study of the $^{14}\text{O}(\alpha,p)^{17}\text{F}$ reaction using TwinSol radioactive beams• Charge Particle Reactions with ANASEN• Towards a $^{34}\text{Ar}(\alpha,p)^{37}\text{K}$ reaction rate: A study of resonances in ^{38}Ca via proton elastic scattering• The $^{34}\text{Ar}(\alpha,p)^{37}\text{K}$ XRB breakout reaction with JENSA• Status of the A = 56, 64, and 68 Waiting Points• Constraining the ^{72}Kr rp-process waiting point• Nucleosynthesis studies with GRETINA	D. Bardayan J. Blackmon A. Lauer K. Chipps Z. Meisel A. Rogers H. Schatz

3:10 pm – 3:30 pm	Coffee	
3:30 pm – 4:30 pm	$(p,\gamma)/(\alpha,\gamma)$ Capture Reactions Discussion	K. Chipps/D. Bardayan
4:30 pm – 5:30 pm	$(\alpha,p)/(p,\alpha)$ Reactions Discussion	J. Blackmon/ C. Deibel
5:30 pm – 5:45 pm	Closeout	D. Bardayan