



**DEPARTMENT OF MATHEMATICS**  
**Spring 2025 MATH Colloquium Series**

**An Introduction to  
Kubernetes and  
JupyterLab on  
TIDE: Powertools  
for Research in  
the Mathematical  
Sciences**



**Speakers:** Brian Campbell, Ravi Chalasani and  
John Gerving, Cal Poly Humboldt

**Abstract:** Need computing power beyond your laptop? Looking to add technical skills to your resume? Join us for a demonstration of TIDE where you can perform enterprise-grade computing through the user-friendly JupyterLab interface or a command-line interface of Kubernetes—an industry-standard container orchestration platform that enables scaling, automation, and efficient resource management for complex computational workloads. These powerful tools are freely available to all students and faculty engaged in research projects.

**April 3rd, 2025**  
**THURSDAY**

**4:00 PM**  
**BSS#166**

**FOR MORE INFO GO TO [HTTPS://MATH.HUMBOLDT.EDU/GET-INVOLVED/MATHEMATICS-COLLOQUIUM](https://math.humboldt.edu/get-involved/mathematics-colloquium)**

**WE CORDIALLY INVITE YOU TO THE PRE-COLLOQUIUM TEA IN BSS#312  
AT 3:30 PM**