

Let $G_{\mathbb{Q}} = \text{Gal}(\bar{\mathbb{Q}}/\mathbb{Q}) = \text{Aut}(\bar{\mathbb{Q}})$. Large profinite group
 $\sqrt{2} \mapsto -\sqrt{2}, \sqrt{2} \mapsto -\sqrt{2}, \sqrt[3]{7} \mapsto \zeta_3 \sqrt[3]{7}, \dots$

Interested in (continuous) representations

$\rho: G_{\mathbb{Q}} \rightarrow \text{GL}_n(k)$ $k = \mathbb{C}, \bar{\mathbb{Q}}_p$

Junior Number Theory Days

at Rutgers University–Newark
November 18-19, 2016

A workshop in Number Theory for post-docs and graduating PhD students to showcase their research.

Location & Events Information

Friday 11/18, 9:00am-5:00pm
Conklin Hall Rm 100, 175 University Avenue.

Saturday 11/19, 9:00am-5:00pm
Boyden Hall Rm 100, 195 University Avenue.

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Organizers: Zhengyu Mao and Yiannis Sakellaridis



<http://math.newark.rutgers.edu/~sakellar/JNTD2016.html>