

# Yorkshire Geotechnical Group U32 Presentation Competition (Hybrid Event)

**ice**  
Institution of Civil Engineers

Tuesday 14<sup>th</sup> March 2023

18:00 – 20:15

(refreshments from 17:30)

**Venue:** The Terrace (in-person)  
& MS Teams



17:30-18:00	Refreshments and presenters briefing
18:00-18:10	Introductions
Presentations (based upon 10 minutes for presentation and 3 minutes of questions from judges):	
18:10-18:23	Bethany Martin – Senior Engineer at CGL <i>“Coal mining assessment Walkden; Manchester”</i>
18:23-18:36	Ikram Sonara – Graduate Civil Engineer at Mott MacDonald <i>“Pile Design and Construction; Apperley Bridge”</i>
18:36-18:49	Chris Walker – PhD student at University of Leeds <i>“Impact of climate change on transport infrastructure with reference to geostructures”</i>
18:49-19:02	Jordan Sinnott – Geotechnical Engineer at Systra <i>“Transpennine Route Upgrade: OLE foundation design”</i>
19:02-19:15	Thomas Woolley – Engineer at CGL <i>“Verification works at British Library; Thorpe Arch”</i>
19:15-19:27	Fatemeh Ardakani – Senior Engineer at Mott MacDonald/Systra <i>“Optimisation of ground improvement (PVD) for high-speed rail earthworks using 3D geological modelling, geo-data and machine learning led digital intelligence”</i>
19:30	Judges leave for deliberation
19:30-20:00	<b>Guest speaker – Alan Willoner – Technical Principal at Mott MacDonald</b> <i>“Design and construction of remedial rail slab transition at Medge Hall”</i>
20:00-20:15	Judges summary and announcement of the Winners

For further information contact:  
e: [owen.flowers@arup.com](mailto:owen.flowers@arup.com)

or visit ICE Events website

w: <https://www.ice.org.uk/events/latest-events/yorkshire-geotechnical-group-u32-presentation-competition/>

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**Venue**

The Terrace  
3 Wellington Place  
Leeds  
LS1 4AP



**Join event online:**  
<http://bit.ly/3ZqNY5c>



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