Americas Advisory Group Meeting Welcome

October 13th, 2020

Presented by the Process and Simulation Management Team

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Agenda

Introductions

Welcome – Andrew McCloskey,

Chief Technology Officer, EVP R&D

Meeting Agenda

Polling Mechanism

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On the call today:

Chief Technology Officer, EVP R&D



Andrew McCloskey

Senior Vice President Product Management



Julien de Beer

Vice President Process & Simulation BU Head



Ian Willetts

Simulate

Product Manager Lead



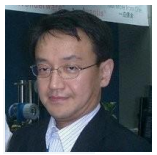
Maged Selim

AVEVA PRO/II Simulation



John Hernandez

Thermodynamics



Seiya Hirohama

AVEVA Process Simulation



Marina Velazquez

AVEVA Process Simulation



Cal Depew

Visual Flare



Cal Depew

Pipephase



Alexander Troxell

Learn

Product Manager Lead



Coral Siminovich

AVEVA Unified Learning



Coral Siminovich

Pipeline Training Simulation



Alexander Troxell

AVEVA Dynamic Simulation



Andrea Macri

Control Emulation



Andrea Macri

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On behalf of the entire AVEVA ELT

THANK YOU for taking your valuable time to listen and provide us feedback

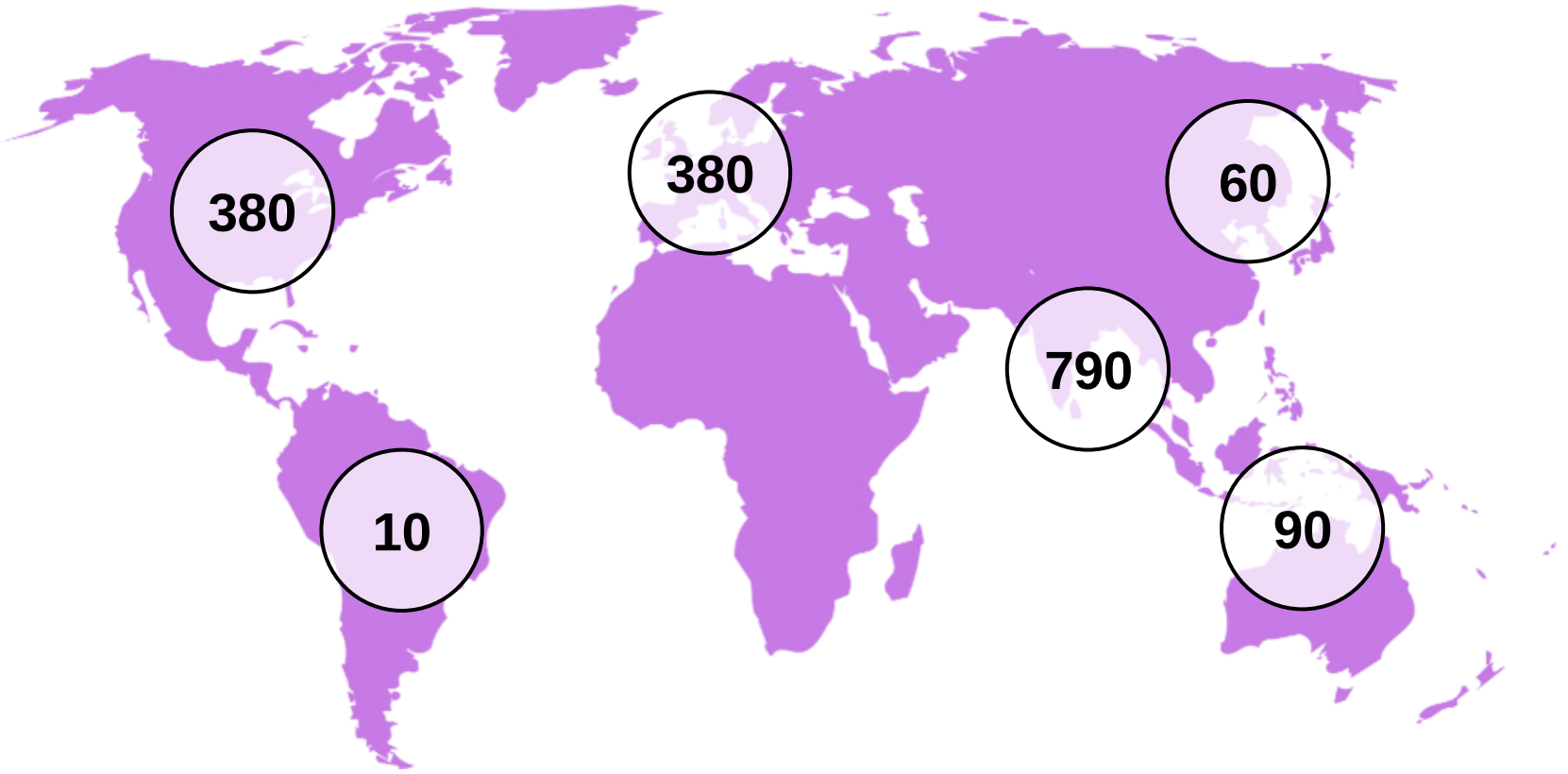
You make our products better, not just for your own organization, but for all our customers

It is much appreciated

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AVEVA Global R&D designed to serve you best

- **1,700+** experts across the globe arranged in **150+** scrum teams
- Common best practices in agile-lean development, built-in quality & security
- Federated model where each scrum team is challenged to continuously improve
- Stats:
  - **350,000** new lines of code/ month
  - **140+** on-prem releases / year
  - **150+** cloud deployments / year
  - **20+** new patents / year



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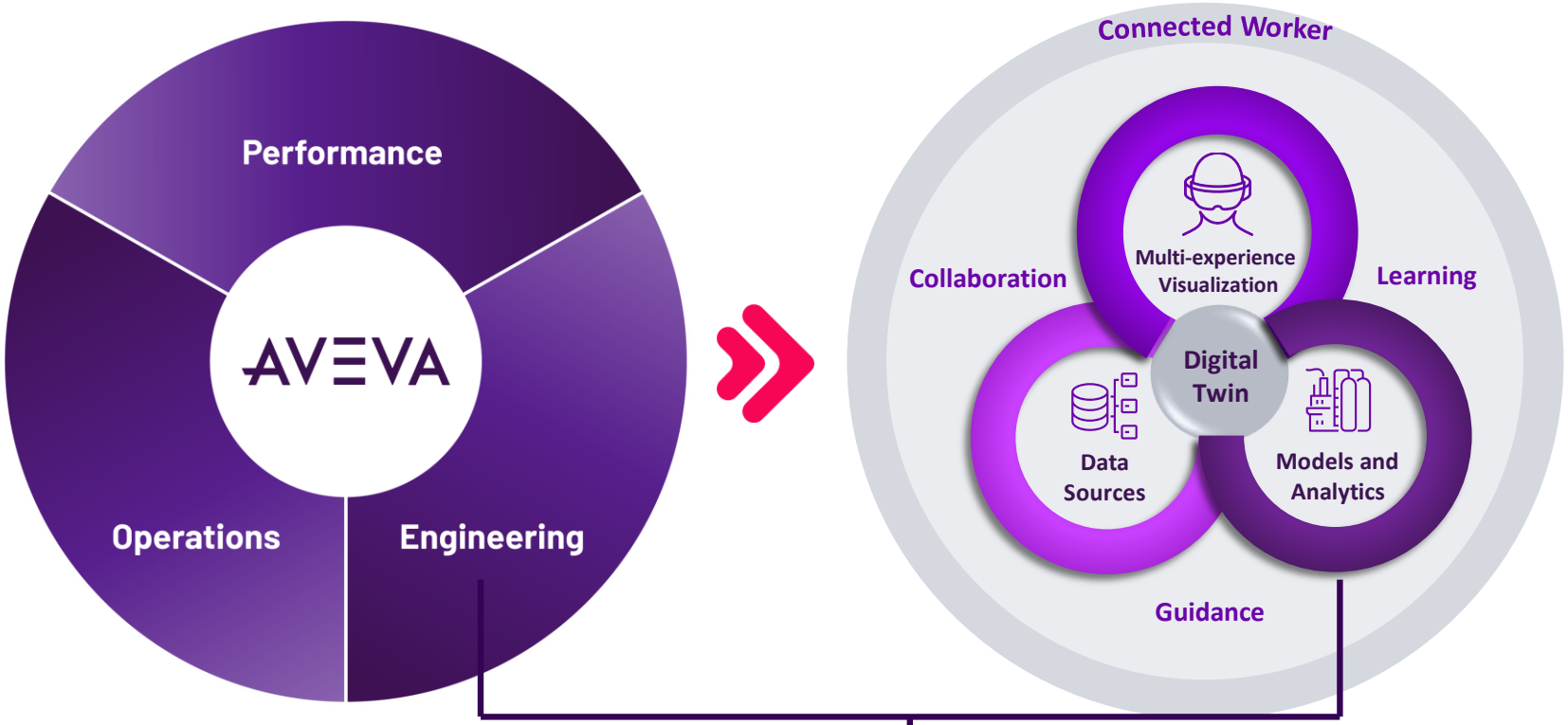
AVEVA's Overall Technology Strategy

Cloud
Ease of deployment, low TCO, collaboration

Artificial Intelligence
Analysis, prediction, guidance, learning

Big Data
Abstraction, visualization, analysis

Industrial IoT/Edge
Data sources, edge management



- Models are a key enabling technology behind our customers digitalization journey
- Process Design and Simulation is an integral part of both Unified Engineering and Unified Learning offers - we are dedicated to continued significant investment is this core area

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AVEVA

Q&A

Potential topics
OSIsoft
Cloud
Serving our customers from Home
…

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Seamless transition from Simulation & Design to Experiential Learning



Extending the value of the process digital twin across the plant lifecycle to unlock unparalleled value

- Gain valuable process insights
- Design validation prior to committing capital
- Check operability and controllability early on
- Avoid over-design

- De-risk capital projects
- Shorten commissioning and startup time to nameplate capacity
- Safely operationalize pipelines
- Make sure that people and systems are ready day one!

- Build competence
- Improve worker performance
- Fewer unplanned shutdowns
- Better management of abnormal situations

AVEVA™

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Agenda for Advisory Group meeting, Tue Oct 13 - Fri Oct 16

Date	Time (Pacific)	Duration	Agenda	Products
Tuesday October 13th	07h30-10h30	3 hours: 1h presentation + 2h discussion	**General topics** - Welcome and introduction **AVEVA Innovations:** - Import Intelligent P&IDs into simulation - AI & simulation - Link with ModeFrontier - Cloud Initiatives - Partner Initiatives (e.g. HTRI)	
Wednesday October 14th	06h00-09h00	3 hours: 0.5h presentation + 1.5h user stories / requests + 1.0h discussion	**AVEVA Thermodynamics**	AVEVA Thermodynamics
Thursday October 15th	07h30-10h30	3 hours: 1.0h presentation + 1.0h user stories / requests + 1.0h discussion	**AVEVA Unified Learning** - Learn (eLearning, Process Competency) - Practice (OTS and XR) - Assess (LMS) - Reinforce (AI infused microlearning)	AVEVA Dynamic Simulation AVEVA Process Competency Training AVEVA Operator Training Simulator AVEVA Pipeline Training Simulator AVEVA XR for Training
Friday October 16th	07h30-10h30	3 hours: 0.5h presentation + 1.5h user stories / requests + 1.0h discussion	**AVEVA Unified Engineering** - Cloud Unified Engineering - Process Design - Utilities, Flare and Safety	AVEVA PRO/II Simulation AVEVA Process Simulation AVEVA Unified Engineering AVEVA Dynamic Simulation VISUAL FLARE Safety Relief Design

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Advisory Groups - Domains

Unified Engineering

Target audience:

Users of our Process Design tools including the Process Engineering Department, Conceptual Design, Safety and Relief systems and Process Simulation best practice groups. Also users of AVEVA Engineering design tools through UE

Products covered:

AVEVA Unified Engineering, AVEVA PRO/II Simulation, HEXTRAN Heat Exchanger Design, AVEVA Dynamic Simulation, AVEVA Process Simulation, Visual Flare Safety Relief Design, Pipephase Pipeline Network Design

Lead:

John (Julien, Cal, Andrea, Seiya, Alec, Marlina)

Unified Learning

Target audience:

Users of our Dynamic simulation tools and process competency solutions including OTS customers (controls checkout or operator training), representatives of knowledge management / learning departments, operational excellence, safety, HR and other teams.

Products covered:

AVEVA Dynamics simulation, AVEVA Operator Training Simulator, AVEVA Pipeline Training Simulator, AVEVA XR for Training, AVEVA Process Competency Training, microlearning, AVEVA Learning Management System

Lead:

Coral (Alec, Andrea, JinTao)

Thermodynamics

Target audience:

All process simulation users including providers of thermodynamic expertise to our process simulation user communities

Products covered:

AVEVA™ Thermodynamics

Lead:

Seiya-san (Cal, Andrea, John)

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What’s in it for you?

- More focused discussion organized by simulation applications throughout the process lifecycle
- Learn what your peers are doing and align to help AVEVA™ be a better partner
- Gain visibility into and directly influence our near term and longer-term product development direction
- Learn how we are going digital and what new tools can help you influence AVEVA
- Have some interactions with polling questions and answers
- Have some fun

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Advisory Group Polling *(no installation required)*

Web page

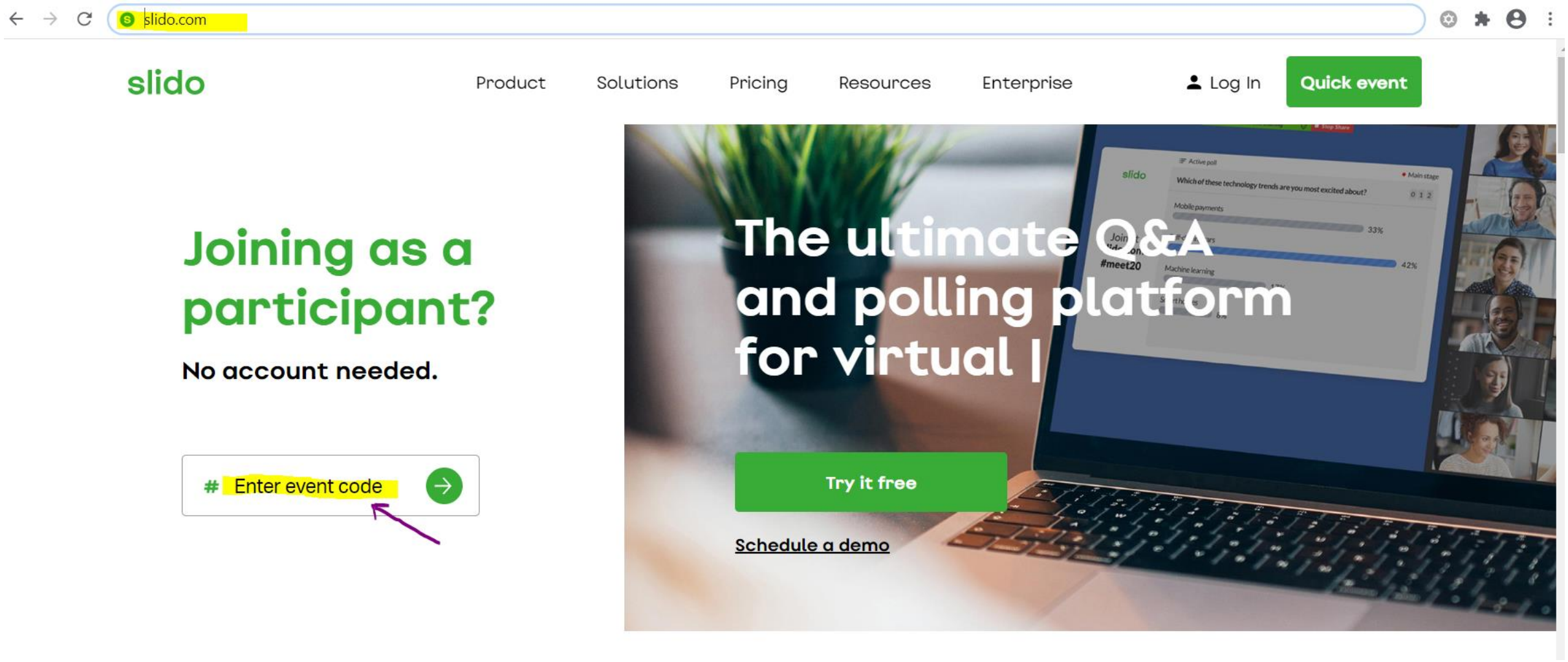
- Go to slido.com
- Enter AVEVA Meeting Code, which we will provide

Cell phone with QR Reader

- We will exhibit the polling question and QR Code on the screen
- Point phone camera to QR Code
- slido.com will direct you to the question and allow you to respond
- only need to read QR Code once

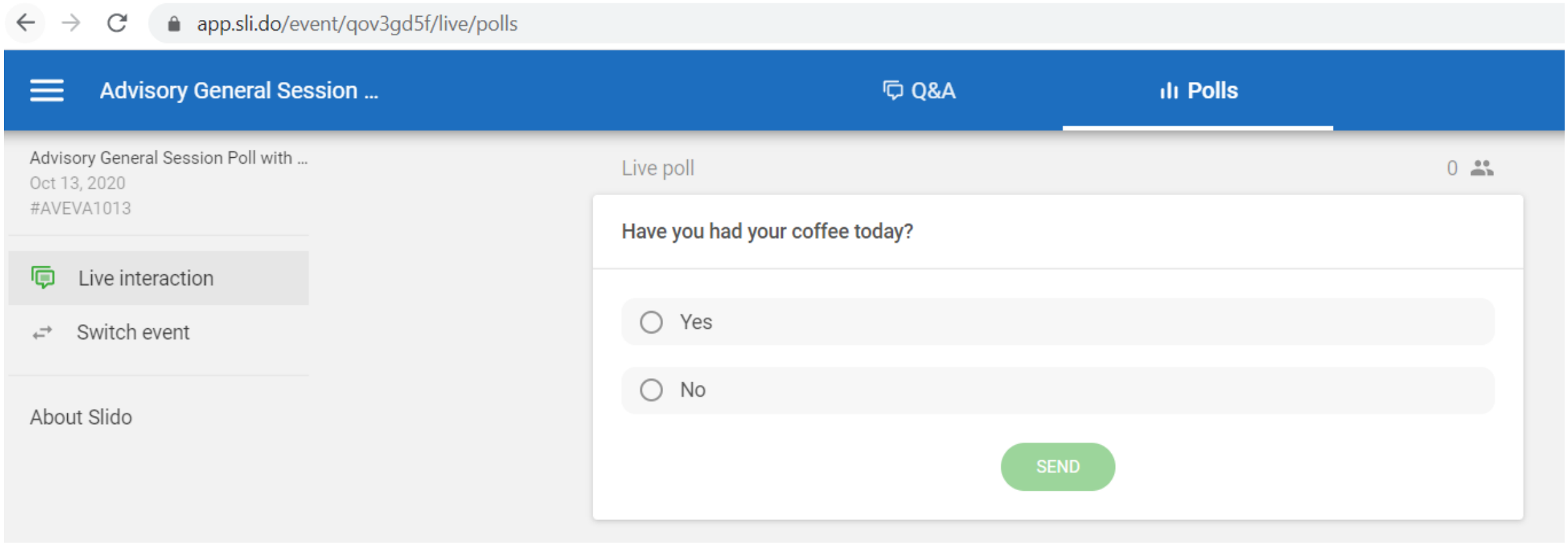
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Polling via Web Page Access: slido.com *(no installation required)*



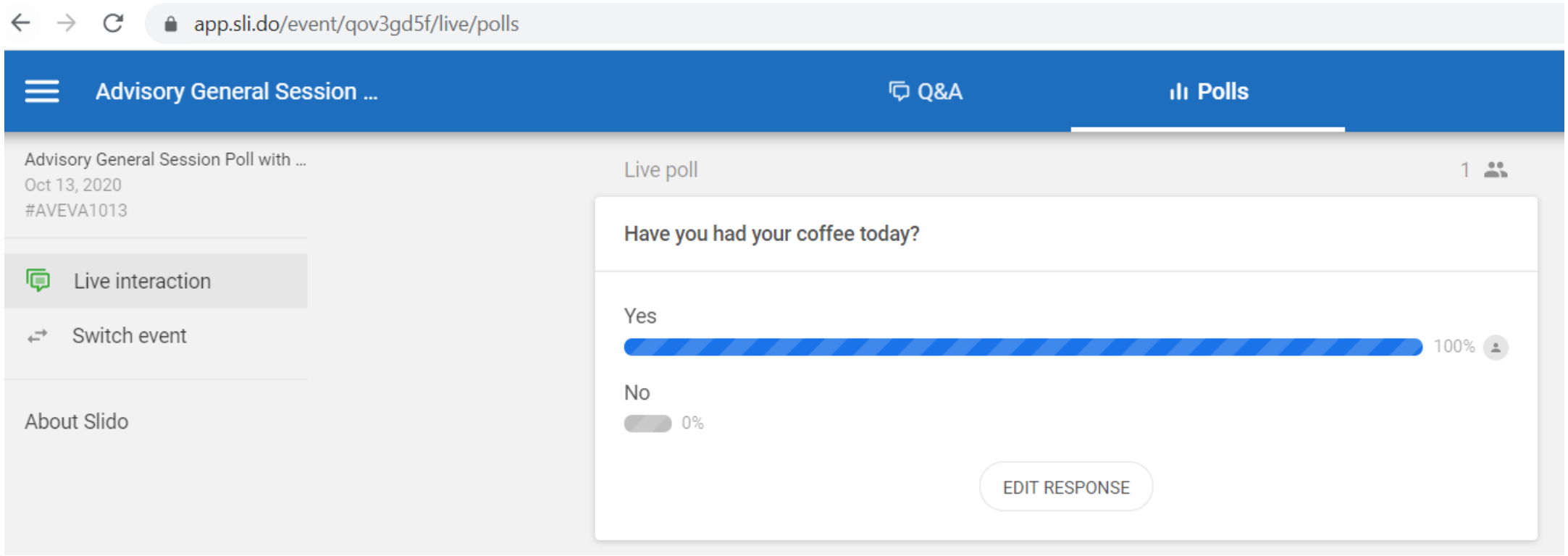
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Web page response



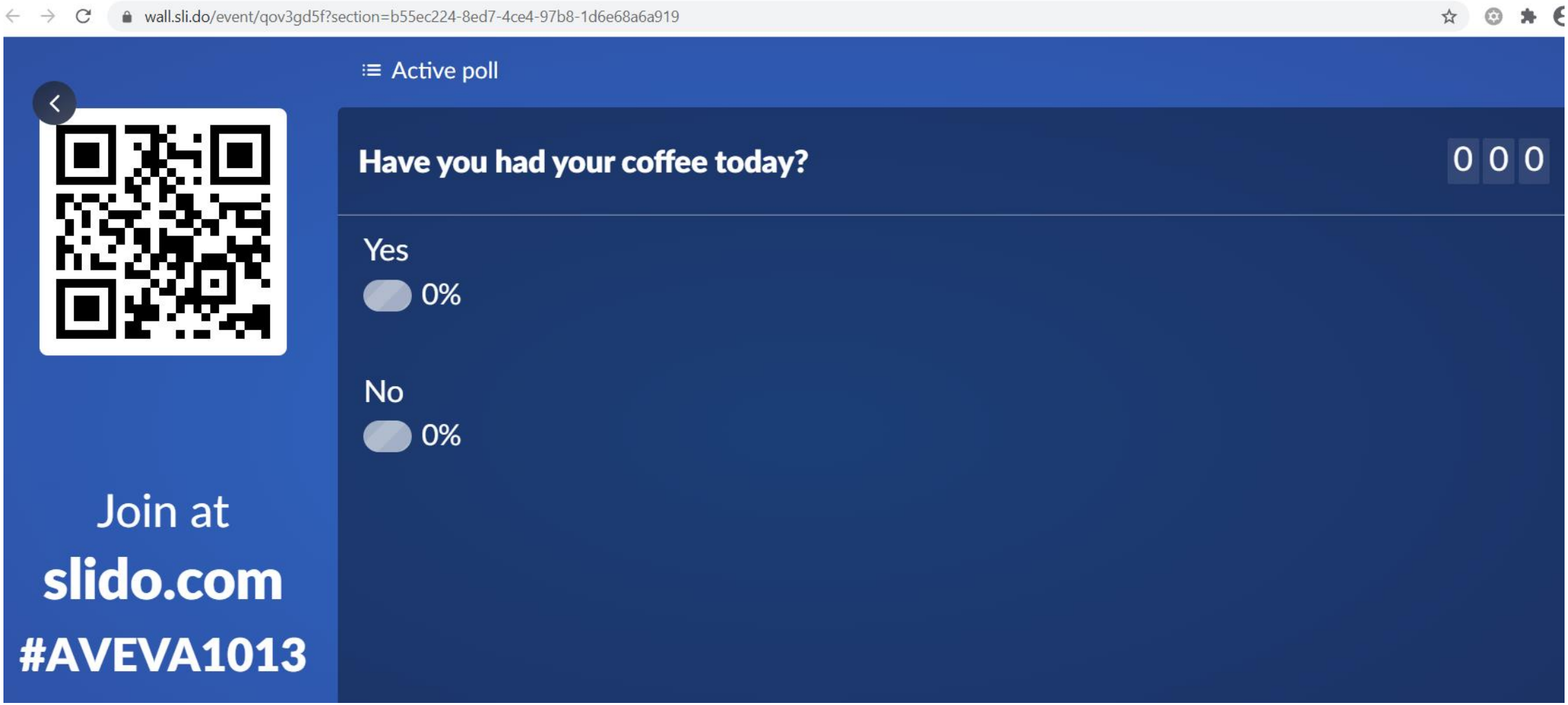
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Web based results



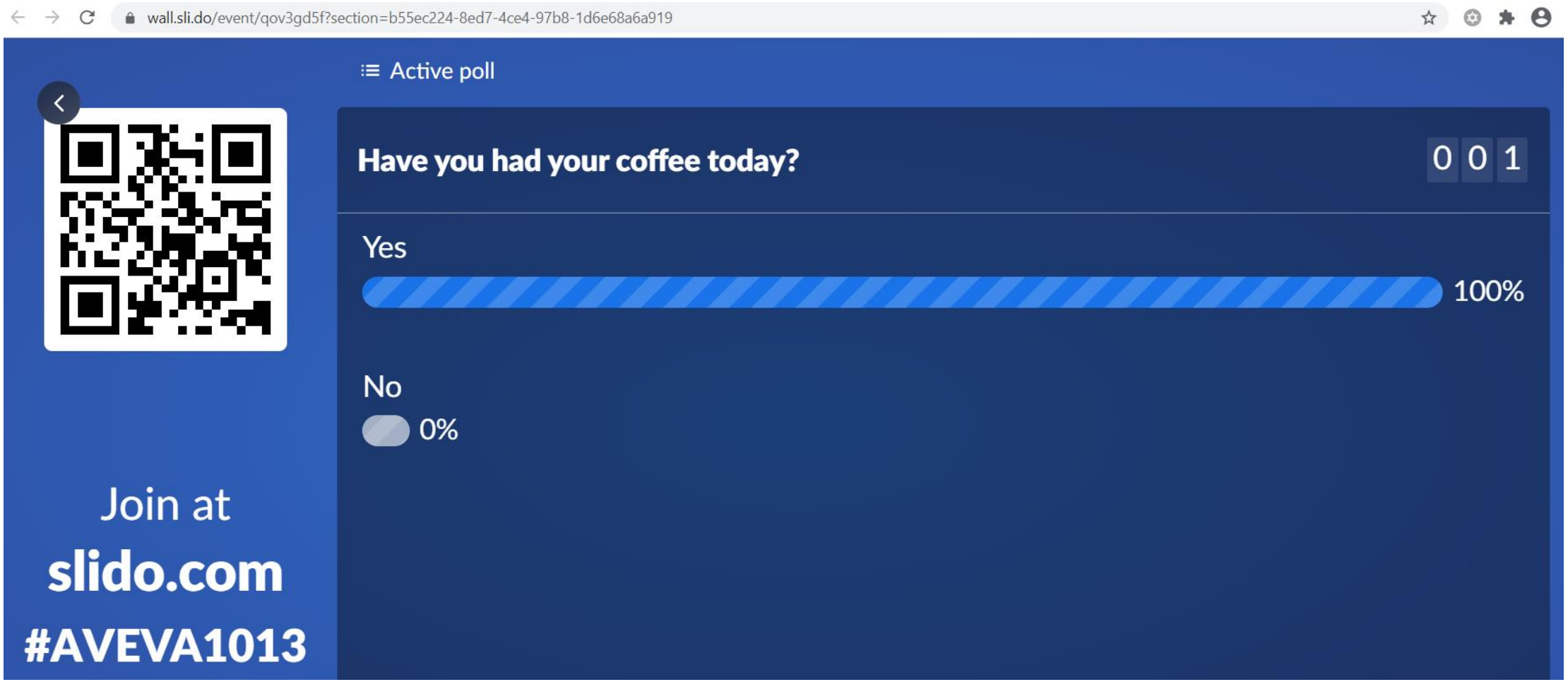
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Polling via QR Code



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Results



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Thank you

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