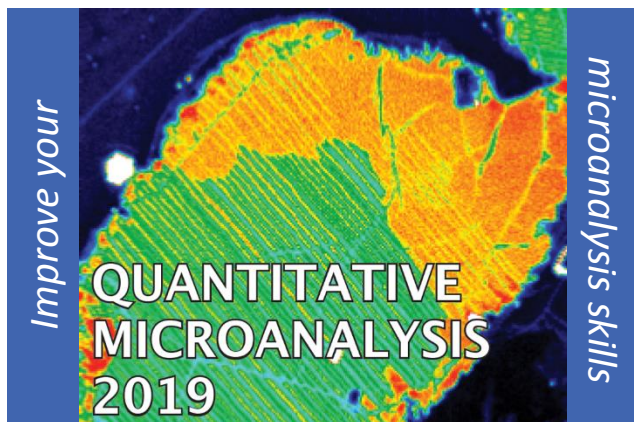


# QMA 2019

## MAS Topical Conference

Quantitative Microanalysis  
**June 24-27, 2019**  
University of Minnesota, MN



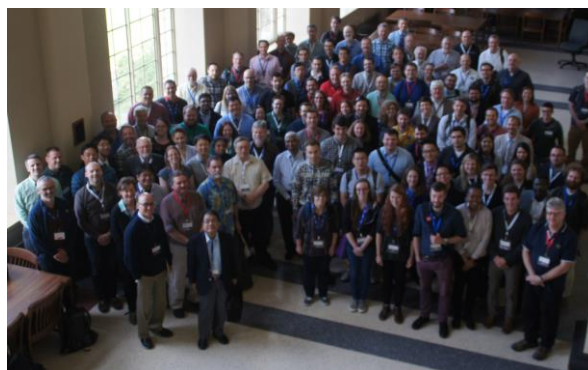
### About QMA 2019

Quantitative Microanalysis 2019 is an MAS Topical Conference (TC), held June 24-27, 2019, at the University of Minnesota, Minneapolis. This TC is the second of its kind, and is built on the success of the TC "EPMA 2016". It is a four day meeting with user group meetings followed by a three day plenary meeting covering the use of EPMA, SEM, and more specifically of quantitative analysis using WDS and EDS techniques. The TC features tutorials, invited and contributed presentations, laboratory demos, and group discussion.

[QMA 2019 Topical Conference Link](#)



*Meet new people*



EPMA 2016 TC Attendees



Topical Conference group banquet

*Learn from the experts*

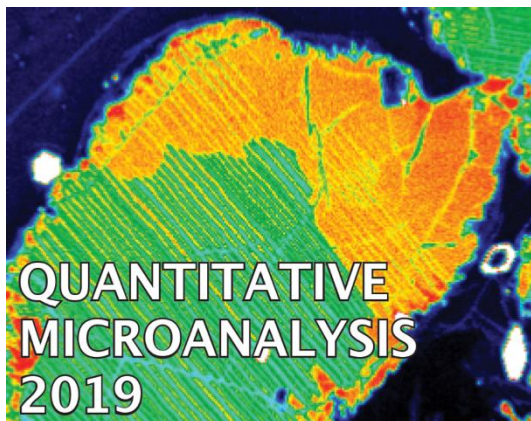
QMA 2019 is focused on the group educational experience for beginners to experts. We encourage attendees from academic, government, industry, and the vendor communities.

### MAS Early Career Scholars

The MAS Early Career Scholar (ECS) program will provide co-sponsorship financial support for qualified applicants. ECS will be identified through MAS Affiliated Regional Societies (AReS) and IUMAS society selection, non-profit advisors, and based on financial need. Additional information will soon be published on the MAS QMA 2019 web page.



Early Career Scholars at EPMA 2016



# QMA 2019

## MAS Topical Conference

### Quantitative Microanalysis

#### June 24-27, 2019

University of Minnesota, MN

### QMA 2019 Program

- User group meetings
- Tutorials on quantitative microanalysis by EPMA and SEM
- Wavelength-dispersive and energy-dispersive spectrometry
- Quantitative microanalysis using combined WDS and EDS
- Quantitative mapping
- Correction algorithms
- FE-EPMA and FE-SEM microanalysis and low energy X-ray analysis
- Quality control for microanalysis
- Standard reference materials
- Practical microanalysis for the novice
- Problem solving & experts discussion
- Laboratory demonstrations



scan me!

### QMA 2019 Venue

#### Topical Conference Venue

All plenary technical meetings, breaks, and group meals will be in Tate Hall, the new building of the Department of Earth Sciences. Tate Hall has a modern interior with lecture halls, seminar rooms, and laboratories but retains its classic exterior after renovation. Social interaction will be available during breaks and group meals, poster sessions, and in discussions with our sponsors.



University of Minnesota

### Important dates & information

#### Registration & Dates

- Registration on MAS web site opens December 1, 2018
- Application for Early Career Scholar financial support deadline April 1, 2019
- Abstract submission deadline  
May 15, 2019 (contributed talks)  
June 1, 2019 (posters)
- Lunch / breaks / banquet included in registration
- See [QMA 2019 web site](#) for full info

#### Travel

- Flights are available to Minneapolis/St. Paul International airport (MSP), with numerous connections to regional and international cities.

#### Lodging

- Several on- and off-campus options are available within 1 mile of the conference venue, including a low-cost dormitory option with shared- or single-room that is close to the meeting venue.