

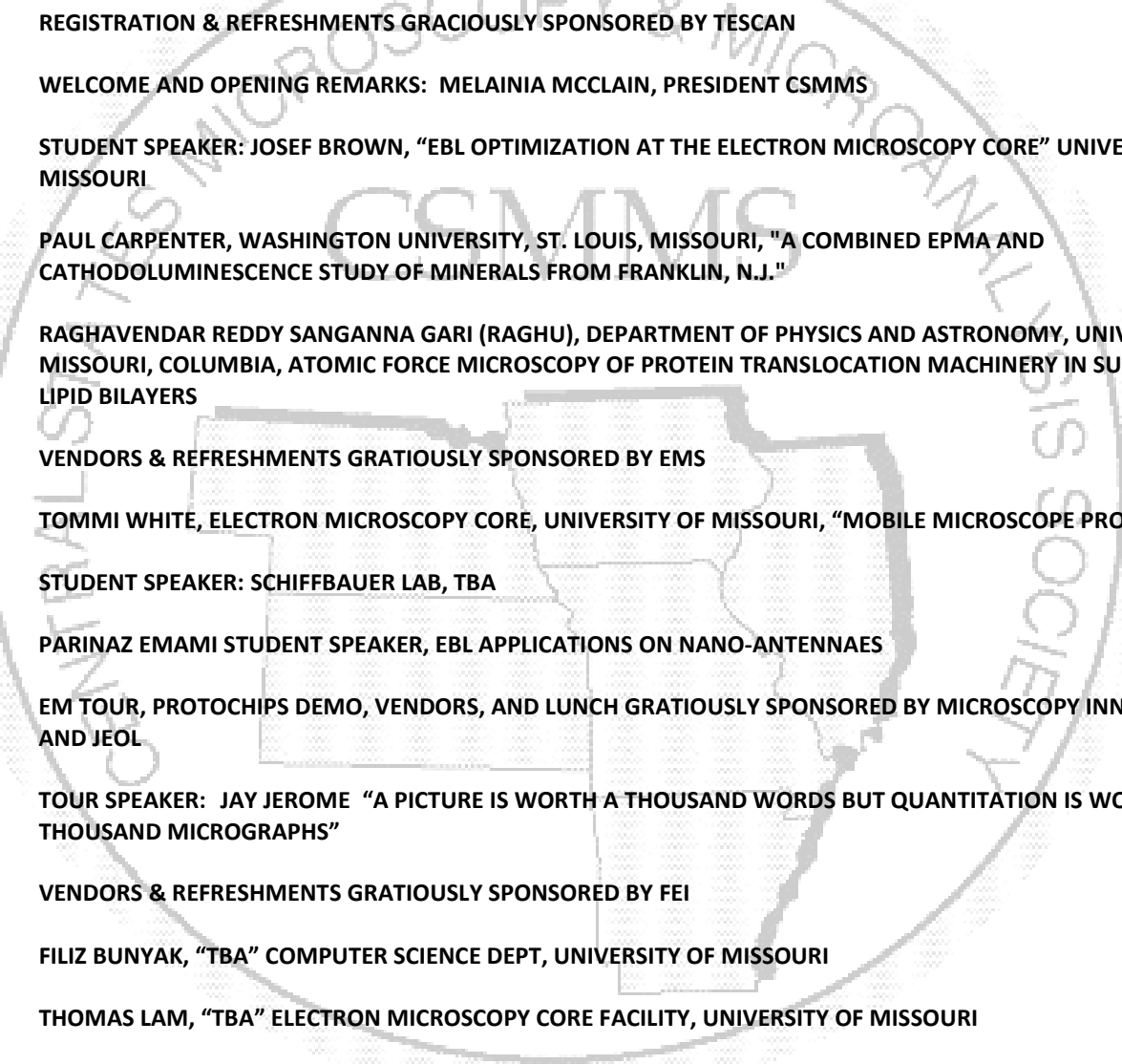
Central States Microscopy and Microanalysis Society

Spring 2015 Meeting

“Image and Spectral Processing and Analysis”

Thursday March 26th, 2015

University of Missouri • Adams Conference Center • Columbia, Missouri

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- 9:00 – 9:50 REGISTRATION & REFRESHMENTS GRACIOUSLY SPONSORED BY TESCAN
- 9:50 – 10:00 WELCOME AND OPENING REMARKS: MELAINIA MCCLAIN, PRESIDENT CSMMS
- 10:00 - 10:15 STUDENT SPEAKER: JOSEF BROWN, “EBL OPTIMIZATION AT THE ELECTRON MICROSCOPY CORE” UNIVERSITY OF MISSOURI
- 10:15 - 10:30 PAUL CARPENTER, WASHINGTON UNIVERSITY, ST. LOUIS, MISSOURI, “A COMBINED EPMA AND CATHODOLUMINESCENCE STUDY OF MINERALS FROM FRANKLIN, N.J.”
- 10:30 - 10:45 RAGHAVENDAR REDDY SANGANNA GARI (RAGHU), DEPARTMENT OF PHYSICS AND ASTRONOMY, UNIVERSITY OF MISSOURI, COLUMBIA, ATOMIC FORCE MICROSCOPY OF PROTEIN TRANSLOCATION MACHINERY IN SUPPORTED LIPID BILAYERS
- 10:45 - 11:00 VENDORS & REFRESHMENTS GRACIOUSLY SPONSORED BY EMS
- 11:00 - 11:15 TOMMI WHITE, ELECTRON MICROSCOPY CORE, UNIVERSITY OF MISSOURI, “MOBILE MICROSCOPE PROJECT”
- 11:15 - 11:30 STUDENT SPEAKER: SCHIFFBAUER LAB, TBA
- 11:30 - 12:00 PARINAZ EMAMI STUDENT SPEAKER, EBL APPLICATIONS ON NANO-ANTENNAES
- 12:00 - 1:30 EM TOUR, PROTOCHIPS DEMO, VENDORS, AND LUNCH GRACIOUSLY SPONSORED BY MICROSCOPY INNOVATIONS AND JEOL
- 1:30 - 2:30 TOUR SPEAKER: JAY JEROME “A PICTURE IS WORTH A THOUSAND WORDS BUT QUANTITATION IS WORTH A THOUSAND MICROGRAPHS”
- 2:30 - 2:45 VENDORS & REFRESHMENTS GRACIOUSLY SPONSORED BY FEI
- 2:45 - 3:15 FILIZ BUNYAK, “TBA” COMPUTER SCIENCE DEPT, UNIVERSITY OF MISSOURI
- 3:15 - 3:30 THOMAS LAM, “TBA” ELECTRON MICROSCOPY CORE FACILITY, UNIVERSITY OF MISSOURI
- 3:30 - 3:45 MEETING ADJOURNED: MELAINIA MCCLAIN AND TOMMI WHITE
- 3:45 - 4:30 CSMMS BUSINESS MEETING

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March 26th, 2015
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With Microscopy Society of America Guest Speaker

W. Gray “Jay” Jerome

Biographical Sketch:

Jay Jerome is a faculty member at Vanderbilt University in the department of Pathology, Microbiology and Immunology with a joint appointment in Cancer Biology. He is Co-Director of the Cell Imaging Shared Resource at Vanderbilt. Jay is a Past-president of the Microscopy Society of America, the Co-Editor of a textbook on confocal microscopy, and an Editor for the journal Microscopy and Microanalysis. He is a fellow of the Microscopy Society of America, The American Society for the Advancement of Science and the American Heart Association. Jay's research focuses on intracellular lipid metabolism and how disruption of normal lipid metabolism contributes to diseases such as cardiovascular disease, diabetes and obesity.

