

## 2004 ACA Meeting At A Glance

Chicago, IL

July 17 (Saturday) -22 (Thursday)

	AM	PM	Evening
<b>Sat</b>	<b>WK.01</b> Hands-On MAD/SAD Data Collection, Processing, Phasing and Structure Solution (SYN)	<b>WK.01</b> Hands-On MAD/SAD Data Collection, Processing, Phasing and Structure Solution (SYN)	<i>Opening Reception</i>
	<b>WK.02</b> Small Molecule Crystallography at ChemMatCARS	<b>WK.02</b> Small Molecule Crystallography at ChemMatCARS	
	<b>WK.03</b> A Protein Crystallographic Toolbox: CCP4 Software Suite and PDB Deposition Tools	<b>WK.03</b> A Protein Crystallographic Toolbox: CCP4 Software Suite and PDB Deposition Tools	
	<b>WK.04</b> GM/CA Synchrotrons for the Biologist	<b>WK.04</b> GM/CA Synchrotrons for the Biologist	
	<b>WK.05</b> APS/IPNS Tour	<b>WK.05</b> APS/IPNS Tour	
<b>Sun</b>	<b>01.01</b> Structural Insights into Transcription (BM)	<b>AW.01 Etter Award:</b> General Interest	<i>Poster Session I</i>
	<b>03.01</b> Interface Between Powder and Single Crystal Diffraction I (PD/SER)	<b>01.02</b> Structural Analysis by Hybrid Methods (BM)	SIG: SM, FD, PD
	<b>04.01</b> Frontiers in Single Crystal Neutron Diffraction I (NS/PD/MS/SAS)	<b>03.01</b> Interface Between Powder and Single Crystal Diffraction II (PD/SER)	<i>Mentor/Mentee Dinner</i>
	<b>05.01</b> Important Bioorganic Science from Small Molecules (SM)	<b>04.01</b> Frontiers in Single Crystal Neutron Diffraction II (NS/PD/MS/SAS)	
	<b>CEC.01</b> Protein Database and Bioinformatics for High School Students (CEC)	<b>CEC.02</b> Macromolecular Crystallography for Teachers (CEC)	<i>MAR USA Dinner</i>
		<i>Rigaku/MSC luncheon</i>	<i>Bruker AXS Dinner</i>
<b>Mon</b>	<b>TR.01</b> Transactions: Crystals in Supramolecular Chemistry I	<b>AW.02 Supper Award:</b> Instrumentation	<i>Poster Session II</i>
	<b>01.03</b> Computational Methods (BM)	<b>TR.01</b> Transactions: Crystals in Supramolecular Chemistry II	SIG: BM, NS, GI, SERV
	<b>07.02</b> AACG II: Macromolecular Crystal Quality and X-ray Diffraction	<b>01.04</b> Difficult Structures (BM)	
	<b>08.03</b> Complementary Methods Using Synchrotron Radiation (SYN)	<b>02.03</b> Teaching Advanced Crystallography (GI/SERV)	<i>YS Mixer</i> <i>Rigaku/MSC Dinner</i>
<b>Tue</b>	<b>TR.01</b> Transactions: Crystals in Supramolecular Chemistry III	<b>AW.03 Fankuchen Award:</b> Crystallization (BM)	<i>Poster Session III</i>
	<b>01.05</b> New Structures (BM)	<b>TR.01</b> Transactions: Crystals in Supramolecular Chemistry IV	SIG: MS, SYN, SAS, YS
	<b>09.01</b> Topics for the Young Scientist (YS)	<b>06.01</b> General Interest I (GI)	<b>02.02</b> Crystallographic Lab Practices (SERV)
	<b>10.01</b> Materials for the 21st Century I (NS/MS/SAS)	<b>10.02</b> Materials for the 21st Century II (SAS/MS/NS)	<b>NIH1</b> Plans for the NIH Protein Structure Initiative <i>Rigaku/MSC Fun Run</i>
<b>Wed</b>	<b>01.06</b> Membrane Structures (BM)	<b>AW.04 Trueblood Award:</b> Computational and Chemical Crystallography I (SM)	<i>ACA Business Meeting</i>
	<b>05.02</b> Combining Spectroscopy, Calculations, and Crystallography for Solving Chemical Problems	<b>01.07</b> Macromolecular Assemblies (BM)	
	<b>05.03</b> Non-routine Refinement of Small Molecules (SM)	<b>06.02</b> General Interest II: Cool Structures (SM)	<i>ACA Banquet</i>
	<b>11.01</b> Ultra Small Angle Scattering Science (SAS/MS/NS)	<b>07.01</b> AACG I: Biological Macromolecules: Solution Behavior and its Relation to Crystallization <i>Canadian Division Lunch</i>	
<b>Thu</b>	<b>01.08</b> Structural Bioinformatics (BM)	<b>01.09</b> Fresh Approaches to Express and Purify Biomolecules (BM)	
	<b>08.01</b> Radiation Damage I: Site and Wavelength Specificity; Limits to Dose and Sample Size (SYN)	<b>06.03</b> General Interest III: Advances in Computing Environments for Crystallography	
	<b>AW.04 Trueblood Award:</b> Computational and Chemical Crystallography II (SM)	<b>08.02</b> Radiation Damage II: Extracting Maximum Information from Limited Sample Life (SYN)	
	<b>11.02</b> Ultra Small Angle Scattering Techniques (SAS/MS/NS)		
<b>Fri</b>	ACA Future Meeting/Planning		

**SIG BUSINESS MEETINGS TO BE HELD IMMEDIATELY AFTER SESSION (~5PM)**

**POSTER SESSIONS RUN FROM 5:30 TO 7:30PM**

**TUESDAY EVENING SESSIONS (2.02, NIH01) RUN from 8:00 to 9:30PM**

Continuing Education Committee (CEC)

SIGs:

Biological Macromolecules	(BM)	Fiber Diffraction	(FD)	General Interest	(GI)
Materials Science	(MS)	Neutron Scattering	(NS)	Powder Diffraction	(PD)
Small Angle Scattering	(SAS)	Service Crystallography	(SERV)	Small Molecule	(SM)
Synchrotron	(SYN)	Young Scientist	(YS)		