

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

\$8.00

1977

1980

1975

1982

1978

1982

1982

1982

1982

1982

MSA Tutorials Videos

Greg Erdos

University of Florida, Retired, Micanopy, Florida gwe@ufl.edu

The Microscopy Society of America, through its Education Committee, has gathered, produced, and distributed video recordings on microscopy and related topics since 1976. Since 1982, most new acquisitions have been tutorial lectures at MSA Annual Meetings and it is the Society's continuing practice to record all such tutorials for inclusion in the collection. At the same time, MSA continues to augment the Video Library by soliciting relevant titles from a variety of sources. Anyone having, or knowing of, a tape that might be suitable is encouraged to contact the current Chairperson of the Education Committee.

The current catalog is presented below, however, anyone in the future, interested in ordering or purchasing a DVD should refer to the MSA website for the most up to date version of the catalog. (http://www.msa.microscopy.org/MSAUnits/Education/ VideoCatalogue.html). All titles are now available as DVD only. Many of the videos are old and may be of poor technical quality but often contain good information presented by notable microscopists. Please be aware of this when ordering. You will notice that there are gaps in the numbering of videos. These represent lost or corrupted masters. If anyone has a copy of any of the missing numbers, MSA would appreciate borrowing these so that they may be restored to the collection. The title numbers are not in chronological order.

The tutorial organizers are always open to suggestions for new tutorials or recommendations to update past presentations. If you would be willing to present a tutorial or have suggestions in this regard, you may contact the Chairperson of the Education Committee.

MSA	Video	Cata	oa

					1 1000mod by Ediono	.002	Ψ0.00
	MSA Video Catalo	g		#38	Kinetic Studies II 44 minutes/ B&W		
	Title/Presenter	Year	Price		Presented by Loretto	1982	\$8.00
#1	The Transmission Electron Microscope 29	minutes/	B&W	#39	Kinetic Studies III 74 minutes/ B&W		
	Presented by Zeiss	1982	\$8.00		Presented by Westmacott:		\$8.00
#2	Using the LKB Knifebreaker 17 minutes/co	olor		#40	Gas-Solid Interactions		
	Presented by Anon.		\$8.00		Presented by Kenik:		\$8.00
#3	Mikros Vacuum Evaporator 37 minutes			#41	Radiation Damage I 96 minutes/ B&W		
	Presented by EM Lab Berkeley		\$8.00		Presented by Kiritani	1982	\$8.00
#4	Using the Wescor 5100 Osmometer 13 min	nutes/colo	or Presented by	#42	Radiation Damage III 50 minutes/ B&W		
	EM Lab Berkeley		\$8.00		Presented by Merkle	1982	\$8.00
#5	Electron Micrography 12 minutes/ B&W			#44	Radiation Damage IV 22 minutes/ B&W		
	Presented by Gambill		\$8.00		Presented by King	1982	\$8.00
#6	Sectioned Biological Material 16 minutes/	color		#45	Introduction to Ultramicrotomy 36 minute	es/color	
	Presented by Anon		\$8.00		Presented by Schooley	1982	\$8.00
#7	The Penetrating Eye 22 minutes/color			#46	Colloidal Gold Labeling 112 minutes		
	Presented by Hayes	1970	\$8.00		Presented by DeMee	1983	\$8.00
#8	#8 Introduction to SEM 57 minutes/color			#48	Glass & Ceramics; Ion Milling 90 minutes	color	
	Presented by Hayes	1982	\$8.00		Presented by Howitt	1983	\$8.00
#9	Critical Point Drying 22 minute			#53	Basics of STEM 50 minutes/color		
	Presented by Humphries	1977	\$8.00		Presented by VanderSande:		\$8.00
#10	Particulate Sample Preparation 25 minute	/color		#54	How to Read a Convergent Beam Pattern	55 minute	s/color
	Presented by Berkeley EM Lab		\$8.00		Presented by Eades	1984	\$8.00
#11	High Resolution Surface Replication 33 m	inutes/ Ba	&W	#55	Energy Dispersive X-Ray Spectroscopy 5	2 minutes	/color
	Presented by Berkeley EM Lab		\$8.00		Presented by Hall	1984	\$8.00
#14	The Kleinschmidt Technique 22 minute/co	olor		#57	High Resolution EM 55 minutes/ color		
	Presented by Hebert		\$8.00		Presented by Gibson	1984	\$8.00
#15	Glycol Methcrylate Embedding for Light Micros	scopy60 m	inutes/color	#58	EELS in Biology 52 minutes/color		
	Presented by Moe	1980	\$8.00		Presented by Ottensmeyer	1984	\$8.00

#16

#17

#19

#20

#21

#22

#23

#24

#26

#27

#28

#29

#30

#31

#34

#35

#36

#37

Interpreting TEM's Three Dimensionally 6 minutes/B&W

Introduction to Freeze-Fracture 77 minutes/color

A lecture on Electron Channeling 47 minutes/color

Preparation of Macromolecules for TEM 47minutes/color

Preparation of Support Films for TEM 14 minutes/color

Electron Microscopy. Principles and Practice 153 minutes/ B&W

Presented by Pederson

Presented by Schooley

Presented by Davidson

Presented by Slayter

Presented by Pechak

Presented by Crang

Presented by Crang

Presented by Crang

Presented by Scales

Presented by Thurston

Presented by Thurston

Presented by Gaugler

Presented by Humphreys

Presented by Humphreys

Presented by Humphreys

Presented by Loretto

Presented by Cummings

Stereology 52 minutes/color

Presented by VanderSande

Weak-Beam EM 47 Minutes/color

Basic Optics in SEM 40 minutes/ color

Biological Procedures in EM 41 minutes/ B&W

Operation of the JEOL 100C/CX TEM 75 minutes

JEOL JSM-35 SEM Part I 36 minutes/color

JEOL JMS-35 SEM Part II 35 minutes/color

Fine Tuning Your SEM 56 minutes/color

Theory of HVEM II 58 minutes/ B&W

Theory of HVEM III 40 minutes/ B&W

Theory of HVEM IV 57 minutes/ B&W

Kinetic Studies I 57 minutes/ B&W

Side-By-Side Comparison? Difficult When Our Coaters Stand Alone.



High Resolution Sputter Coater 208HR for FE-SEM

Superior Features:

- High Resolution Fine Coating
- Wide Choice of Coating Materials
- High Resolution Thickness Control
- Multiple Sample Stage Movements
- Wide Range of Operating Pressures
- · Compact, Modern, Benchtop Design











Find out about our complete line of sample coaters.



#59	Additives in Biological Fixation 76 minutes/colo			#116	Unknown Phases by ED/EDS 58 minutes.		
	Presented by Boyles 1984	4	\$8.00		Presented by Carr 1988	\$8.00	j
#60	Rapid Freezing of Biological Specimens			#117	Planar Interfaces & Defects 55 minutes/color		
	Presented by Costello		\$8.00		Presented by Pond: 1988)
#61	Cryoultramicrotomy 54 minutes/ color			#118	TEM Characterization of Precipitates 49 minutes		
	Presented by Hagler 1984		\$8.00		Presented by Dahmen 1988)
#62	Image Recording and processing 30 minutes/co			#121	Confocal Scanning Light Microscopy 63 minute		
	Presented by Krakow		\$8.00		Presented by Boyde 1988		
#63	HVEM for Biologists 50 minutes			#127	High Spatial Resolution Microanalysis in the AE		
	Presented by Gronsky 1984	4	\$8.00		Presented by Garrett-Reed 1989	\$8.00)
#67	Low Dose Imaging 63 minutes/color			#130	Colloidal Gold 18 minutes.		
	Presented by Downing 1985		\$8.00		Presented by Albrecht/Simmons 1990	\$8.00)
#71	Specimen Preparation for Near Surface Examination	48 min	utes/color	#132	Scanning Tunneling Microscopy		
	Presented by Horton 1985		\$8.00		Presented by Chiang 1990	\$8.00)
#72	Immunocytochemical Localization 49 minutes/c			#135	Quantitative Image Analysis 64 minutes.		
	Presented by Pickel 1985		\$8.00		Presented by Russ 1990)
#73	Energy Dispersive X-Ray Analysis 90 minutes/c	color		#136	Convergent Beam Electron Diffraction 51 minut		
	Presented by Fiori 1985		\$8.00		Presented by Eaglesham 1990	\$8.00)
#74	Balzers 301 Freeze-Fracture Apparatus 55 minu			#137	Ultramicrotomy 50 minutes.		
	Presented by Rash		\$8.00		Presented by Leica 1990	\$8.00)
#76	Ultrarapid Propane Jet Freezing 120 minutes			#138	Sectioning for Serial Reconstruction 40 min		
	Presented by Gilkey 1986		\$8.00		Presented by Kinnamon 1991	\$8.00)
#77	Biological Applications of Cryo-SEM 57minutes	s/color		#140	3-D IVEM Tomography		
	Presented by Sargent 1986	3	\$8.00		Presented by Agard	\$8.00)
#79	Post-Shadow Labeling 40 minutes			#144	EM of Ceramics		
	Presented by Dinduk 1986	3	\$8.00		Presented by Mitchell 1991	\$8.00)
#83	X-Ray Microanalysis 60 minutes/color			#146	Confocal LM for Biology		
	Presented by Fiori 1986	3	\$8.00		Presented by Shuman 1991	\$8.00)
#84	LaB6 in the TEM			#147	Freeze Fracture of Membranes		
	Presented by Sewell		\$8.00		Presented by Zampighi	\$8.00)
#87	High Resolution SEM			#148	Fundamentals of ALCHEMI		
	Presented by Peters 1986	3	\$8.00		Presented by Turner 1991	\$8.00)
#90	CBED Total of 3 tapes 280 minutes			#151	Fluorescence in situ Hybridization in Biomedica	al Research	
	Presented by Eades 1986	3	\$8.00		Presented by J. Jerome 1992		
#91	CBED Approx. 300 minutes			#152	Atomic Force Microscopy		
	Presented by Steeds 1986	3	\$8.00		Presented by Fisher 1992	\$8.00)
#92	CBED Approx. 280 minutes			#153	High Resolution MA		
	Presented by Spence 1986	3	\$8.00		Presented by Romig	\$8.00)
#93	CBED			#158	Failure Analysis Methods		
	Presented by Bird		\$8.00		Presented by Anderson 1992	\$8.00)
#94	Nuclear Microprobe Analysis 62 minutes/color			#159	Biometrics		
	Presented by Doyle 1986		\$8.00		Presented by Samakaya	\$8.00)
#98	Development of Beam-forming System 27 minu	ıtes/co	lor	#160	Cryopreservation		
	Presented by Mulvey 1986		\$8.00		Presented by Costello 1993	\$8.00)
#103	Microanalysis B.C.31 minutes/color			#161	SIMS		
	Presented by Heidenreich 1986	ŝ	\$8.00		Presented by Linton 1993	\$8.00)
#105	Basic Optics in TEM			#162	Electron Excited x-ray Microanalysis	,	
	Presented by McConville:		\$8.00		Presented by Newbury	\$8.00)
#106	Electron Scattering		,	#163	Microstructure Characterization	,	
	Presented by VanderSande		\$8.00		Presented by Black 1993	\$8.00)
#107	Contrast Mechanisms in TEM 57 minutes/color		*****	#164	Introduction to the Forgotten Art of Electron Diffr		
3 .	Presented by Hren 1987		\$8.00		Presented by D. Maher 1993		
#109	Care and Use of Diamond Knives 56 minutes/co		Ψ0.00	#166	Computer-aided Analytic & Visualizations Tools for S		
"100	Presented by Bell 1987		\$8.00	" 100	Presented by B. Carragher 1993		
#110	EM of Nucleic Acids 47 minutes/color		- ····	#168	Recent Advances in Light Microscopy	Ψ0.00	
	Presented by Beer/Varkey 1987	7	\$8.00		Presented by B. Herman	\$8.00)
#112	Preparation of Thin Foils for TEM 59 minutes/co		+0.00	#170	A Basic Introduction to Image Processing Using		
,, , , , <u>,</u>	Presented by Goodhew 1987		\$8.00	,, 110	Presented by J. Mansfield 1995		
#113	Image Recording in the EM 45 minutes/color	•	ψ0.00	#179	A Few Words on Bits and Bytes: A Tutorial on Ir		
π110	Presented by Black: 1987	7	\$8.00	πιισ	Processing for the Novice 120 Minutes	nage opecil	ıuı
#114	Making Every Electron Count. Detectors for SEI				Presented by J.F. Mansfield 1995	\$8.00)
#**** T	color	00 11	iutooi	#181	Atom-Probe Analysis of the Solid-State Liquid I		
	Presented by McMullen 1987	7	\$8.00	π I U I	Presented by J.A. Panitz 1995		
#115	Interview 29 minutes/color	'	ψυ.υυ	#182	Image processing and analysis fundamentals for mic		
#113	Presented by LePoole/Zeitler 1987	7	\$8.00	πΙΟΖ	minutes	moscopy 120	
•	i resented by Ler Oble/Zeitlei 1907	1	ψ0.00		Presented by B.D.Newell 1995	\$8.00)
					i resented by D.D.Ivewell 1995	, φυ.υυ	,

Beating the Competition is Easy, When You've Got Products They Don't Offer!

Si-Li EDS Detectors,

IXRF offers guaranteed, premium $\leq 130 \text{eV}$, resolution Si-Li detectors. (*industry standard detector resolution 133-138eV) that carry a three year warranty.

New 30mm² at 133eV, <u>three</u> <u>year</u> warranty available for cost effective fast X-ray Mapping.



fX SEM XRF,

400-1000 micron spot. $\underline{10,000}$ times more analytically sensitive than EDS.

Perfect for environmental applications as well as non-conductive samples. **50mm² Silicon Drift Detector,** the largest Active Area in the industry (50mm²). 133eV resolution, with optimum peak stability, and high input count rates. Who says "Bigger isn't better"?

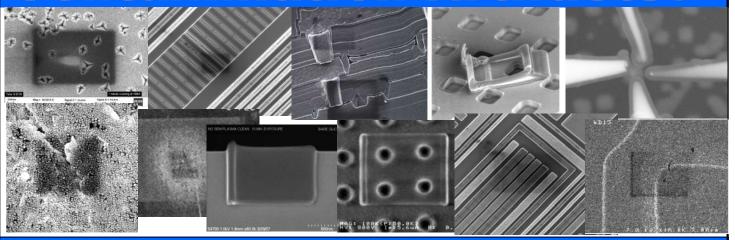
IXRF does not stratify their software suite into low, medium, and high-end levels; there's only one high-end package that includes a myriad of Spectra Analysis, Image Analysis, X-ray Mapping, and unsurpassed SEM/EDS Automation.

Free Software Upgrades for Life... no compromises.



#183	3-D microscopy, confocal, deconvolution or both 90 minutes Presented by J.B. Pawley 1996 \$8.00	#220	Detecting & OptimizingFluorescence Signals Presented by Metcalf 1999 \$8.00
#184	lon beam milling materials with applications to TEM specimen	#221	Single Particle Analysis of Macromolecules and Complexes: Ho
	preparation 90 minutes		to Get Started. 60 Minutes
,,,,	Presented by R. Anderson 1996 \$8.00		Presented by S J Ludtke 2000 \$15.00
#185	Five dimensional microscopy using wide field deconvolution,	#222	Structural Analysis of Proteins on Lipid Substrates. 1 hr.
	Practical considerations and biological applications 50 minutes		Presented by E M Wilson-Kubalek 2000 \$15.00
#186	Presented by W.F. Marshall 1996 \$8.00 3-D Microscopy using confocal microscopy. 50 minutes,	#223	Guide to Three-Dimensional Reconstruction of helical Structures Presented by DeRosier 2000 \$15.00
π100	Presented by E.H.K. Stelzer 1996 \$8.00	#224	Microscopy & Microanalysis Over The Net
#197	Negative staining: a valuable technique for studying subcellula		Presented by N J Zaluzec 2000 \$15.00
	components	#225	Multi-Photon Excitation Microscopy: An Old Idea in Quantum
	Presented by S.E. Miller 1997 \$8.00		Theory Applied to Modern Scientific Problems 90 minutes.
#198	Gamma Correction	11000	Presented by D W Piston 2000 \$15.00
#199	Presented by J. MacKenzie 1997 \$8.00	#226	Energy Filtered Imaging Presented by J. Bentley 2000 \$15.00
#199	Freeze fracture at the turn of the Century: techniques for visualizing and labeling tissues,cells and molecules	#227	Presented by J. Bentley 2000 \$15.00 Atom Probe Tomography
	Presented by Yasamura & Rash 1997 \$8.00	πΔΔΙ	Presented by M.K. Miller 2000 \$15.00
#200	Focussed ion beam milling for site specific TEM	#228	Round Table: Safety Issues in the Microscopy Lab 60 minutes
	Presented by L.A. Gianuzzi, J.L. Drown, S.R. Brown, R.B. Erwin		Presented by S H Silvers, : E. Boylston, 2000 \$15.00
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	& F.A. Stevie 1997 \$15.00	#229	Computational and Experimental Methods in Molecular
#201	Practical Methods for TEM		Microscopy
	Presented by K. Chien, R. Gonzalez, R. Heusser, H. Shiroishi & M.Heatherstraw 1998 \$15.00	#222	Presented by NA 2000 \$15.00 3-D Visualization Tools
#202	M.Heatherstraw 1998 \$15.00 Ethics in digital imaging	#233	Presented by M.T. Dougherty 2001 \$15.00
11202	Presented by S. Silvers, J. Kinnamon, R. Mattson,	#234	Selective Staining, Contrast Enhancement for biological electron
	S. Dunn 1998 \$15.00		tomography
#203	The development and application of the tripod polishing		Presented by M. H. Ellisman 2001 \$15.00
	Technique	#236	Topics in Electron Diffraction TEM
	Presented by J. Benedict, S. Klepies and	!!00 7	Presented by J.A. Eades 2001 \$15.00
#204	R. Anderson 1998 \$15.00	#237	Running a multipurpose Microscopy Laboratory
#204	Tech. Forum, Instrumentation: How to choose it and use it . SPM and SEM	#238	Presented by C.E. Nockolds 2001 \$15.00 Variable Pressure SEM. How We image with Them
	Presented by Russel & Lamberti 1998 \$15.00	πΔ00	Presented by B.J. Griffin. 2001 \$15.00
#205	Tech Forum Instrumentation how mto choose it and use it.	#239	Low Voltage SEM (2 tapes)
	Designing a microscopy lab		Presented by David Joy & Donald Newbury 2001 \$15.00
<i>,,</i> ,,,	Presented by Murphy 1998 \$15.00	#240	ESEM/LV/VP: Imaging at Low Vacuum
#206	Tech Forum Instrumentation: How to choose it and use it.	шо 4.4	Presented by Symposium 2001 \$15.00
	Microtomes and associatedequipment. Confocals Presented by Bozzola & Drazba 1998 \$15.00	#241	Dual Beam InstrumentationPresented by L.A. Giannuzzi2001\$15.00
#207	Tech. Roundtable: Photoshop 101	#242	Remote Microscopy in Shared and Teaching Facilities
,,201	Presented by Multiple 1998 \$15.00	11272	Presented by Roundtable. 2001 \$15.00
#208	Outstanding Technologists Awards Recipients.	#243	Spectral Imaging
	Presented by Multiple 1998 \$15.00		Presented by P.T. Kotula & M.R. Keenan 2002 \$15.00
#209	Miniaturized Artificial Machines in Biology	#248	Scanned Probe Microscopy
#240	Presented by Multiple Speakers 1998 \$15.00	#0F0	Presented by P. Russell 2002 \$15.00
#210	25 Years in a Stereology Laboratory: a Point by Point History Presented by John Basgen 1999 \$8.00	#250	Basic Confocal Microscopy - Part I Presented by J. Jerome & R. Price 2002 \$15.00
#211	Transmission electron microscope specimen preparation of me	etal #251	Basic Confocal Microscopy - Part II
"-"	matrix composites using the focused ion beam miller. 80 minut	es	Presented by J. Jerome & R. Price 2002 \$15.00
	Presented by P. Munroe, J. Cairney, R. Smith 1999 \$15.00	#252	TEM & Polymers
#212	SEM at a distance. Nuts & Bolts		Presented by J.S. Vastenhout 2002 \$15.00
ue : s	Presented by S. B. Barlow 1999 \$15.00	#253	Electron Backscatter Detection in SEM
#213	Factors Influencing Success of an Academic EM Facility	#0 F4	Presented by J.R. Michael 2002 \$15.00
#214	Presented by Wheatly 1999 \$8.00 Utility of Secondary Guard Hairs in Animal Hair Identification	#254	Cellular Dynamics using AFM Presented by T, Lehto, et al. 2002 \$15.00
π ∠ 14	Presented by Yates 1999 \$8.00	#255	Cryo-TEM of Large Complexes
#215	The Basics of Microtomy for Materials Science Microscopy	πΔ00	Presented by S. Fuller 2002 \$15.00
	Presented by T. Malis 1998 \$15.00	#256	Quality Systems for Microscopy & Microanalyisis
#216	Typical Application in Metalurgical Failure Ananlysis Laborator	ies	Presented by E. Steele 2002 \$15.00
ue : s	Presented by Wong 1999 \$8.00	#257	Electron Energy Loss Spectroscopy
#218	Uses of Microscopy in the Cime Lab	#050	Presented by R.F. Egerton 2003 \$15.00
#219	Presented by McAdam 1999 \$8.00 Funding in the 90's	#258	Development of CCD Based Digital Imaging for TEM Presented by S. Peltier & J. Bouwer 2003 \$15.00
#419	Roundtable 1999 \$8.00	#259	Presented by S. Peltier & J. Bouwer 2003 \$15.00 High Resolution TEM: Tomography - Principle & Practice
_	1000 ψ0.00	πΔΟΟ	Presented by D.J. Smith 2003 \$15.00
E1 =	MICROCOCKY TODAY Morels 2000		,

Contamination Artifacts?



The Remedy: Evactron® Cleaning



SCIENTIFIC, INC.

1755 East Bayshore Rd, Suite 17, Redwood City, CA 94063 (650) 369-0133, FAX (650) 363-1659 email:sales@Evactron.com www.EVACTRON.COM

Microanalysis

X-ray detector technology from e2v scientific instruments

www.e2vsi.com

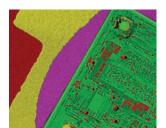
T: +44 (0)1628 533060 E: e2vsi@e2v.com

T: +1 914 592 6050 E: e2vsi-na@e2v.com

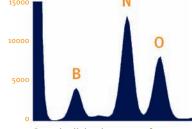
SiriusSD[®] Silicon drift detector for EDS applications

With superior analytical quality spectra, the SiriusSD makes light work of EDS analysis.

Our premium quality X-ray detectors offer resolutions down to 126eV with excellent light element performance. Using the SiriusSD's high rate capability quality phase maps can be recorded in minutes.



High speed phase mapping



Superior light element performance



- Resolution from 126eV
- 10mm² and 30mm² active areas
- Light element and Beryllium windows available

#260	Image Databases: What are they & What do T	hev Brin	a to Microscopy	#289	Development of the Beam Forming Systen	n of the F	lectron
#200		2003	\$15.00	π200	Microprobe	ii oi tiic L	-10011011
#261	Creating Site Specific Training Tools	2000	Ψ13.00		Presented by NA	1986	\$8.00
#201		2003	\$15.00	#291	The many Skills of Microprobe Analysis: A		
#262	Introduction to the SEM	2003	φ13.00	#231		เมริบเป็นเบ	ii Correction
#202		2002	¢15 00		and ZAF Analysis	1006	\$8.00
#000		2003	\$15.00	#202	Presented by NA	1986	φο.υυ
#263	More Basic Confocal Microscopy - Part 1	0000	¢45.00	#292	Round Table Discussion	DI-1111-	4000 c 0000
#064	•	2003	\$15.00	#202	Presented by Castaing Cosslett Duncomb Mul	vey Phillib	ert 1986 \$8.00
#264	More Basic Confocal Microscopy - Part 2	0000	045.00	#293	Microanalysis B.C.	4000	# 0.00
# 00=	,	2003	\$15.00		Presented by NA	1986	\$8.00
#265	More Basic Confocal Microscopy - Part 3		A	#294	Formation of the Summer School for x-ray		
	,	2003	\$15.00		Development of Electron Microprobe Instr		
#266	Techniques for Electron Tomography				Presented by NA	1986	\$8.00
		2004	\$15.00	#295	Early Work on Microprobe Analysis in Jap		
#267	Energy Dispersive X-ray spectrometry in S				Presented by Shinoda	1986	\$8.00
	,	2004	\$15.00	#296	Biological Electron-Probe X-ray Analyisis	Developr	ment of
#268	Introduction to Electron Holography				Geological Applications		
	Presented by Molly McCartney	2004	\$15.00		Presented by NA	1986	\$8.00
#269	Introduction to Fluorescence and Image Co	orrelatio	n	#297	Round Table Discussion		
	Spectroscopy				Presented by Hall Heinrich Kell Wittry Ogilvie	: Shimizu	1986 \$8.00
	Presented by P. Wiseman	2004	\$15.00	#298	Tutorial: Nuclear Microprobe Analysis		
#270	Practical STEM				Presented by Sandi Nat'l Labs	1986	\$8.00
	Presented by David Muller	2004	\$15.00	#299	High pressure freezing for electron micros	scopy of	biological
#271	Building Order in Large Image Data Sets: 0	Classific	ation		specimens, and Freeze substitution method	od: tutori	al and
	Techniques at Work!				roundtable discussion		
	Presented by J M Carazo Garcia	2003	\$15.00		Presented by Stock, Studer, McDonald	2007	\$15.00
#272	Computational Tools for Interpreting Electr			#300	A novel sample freezing method		
		2005	\$15.00		Presented by Leunissen	2007	\$15.00
#273	Confocal Microscopy System Performance			#301	Electron tomography for the materials science		¥
,,	Foundations for Quantitation	. opcou	оссор, ш		Presented by Midgley	2007	\$15.00
		2005	\$15.00	#302	LACSBI: incoherent imaging for the quant		
#274	Improved Electron Microscopy with Monte				Presented by Ian Anderson	2007	\$15.00
		2005	\$15.00	#303	Atomic force microscopy (AFM) and relate		
#275	In-situ Electron Microscopy: A Practical Tu		V.0.00		Techniques and applications		,,,,
11210		2005	\$15.00		Presented by Russell	2007	\$15.00
#276	Quantum Dots as Cellular Probes for Light and			#304	Creating a successful scientific presentati		
<i>""</i> 210	Presented by Deerinck, Giepmans, Ellisman	2005	\$15.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Development tutorial)	0 (, , , , , , , , , , , , , , , , , , ,
#277	Theory and Applications of Focal-Series Ro				Presented by Bev Maleef	2007	\$15.00
π211	* **	2005	\$15.00	#305	Playing the grant game to get the toys (ins		
#278	Fluctuation Electron Microscopy for the MA		ψ10.00	#000	(Professional Development tutorial)	, a a a a a a a a a a a a a a a a a a a	s) we want
#210		2005	\$15.00		Presented by Price	2007	\$15.00
#279	Solve the Mystery (EM for kids)	2000	Ψ13.00	#306	X-ray microCT Instructor: Stuart Stock	2001	ψ13.00
#219		2005	\$15.00	#300	Presented by Stock	2007	\$15.00
#280	How to Use the Dual Beam FIB-SEM to Chara				•	2001	ψ10.00
#200		2006	\$15.00		and MICRONIA		
#281	Tomographic Reconstruction with the IMO		φισ.υυ are Dackage		MICA		
#201		2006	\$15.00		AND WILKIA	Ro	ister tels V!
#282	Atom Probe Tomography and Applications		φισ.υυ vrotondine	4	A White	. 9	Sta
#202		to Unde	erstanding	5	TO THE O	* Ha	rer
	Nanotechnology	0000	¢45.00			A	7e/e
4000	3.	2006	\$15.00		95	YOU	Vi
#283	CCD Technology for Digital Image Capture	on Iran	smission				~ *
	Electron Microscopes	0000	¢45.00	2	N		
//OO 4		2006	\$15.00	6			
#284	Microwave Processing in a Modern Micros		CILITY		4 4		
		2006	\$15.00			1	
#285	How to convert 2-D sectioning images to a						
		2006	\$15.00	_			
#286	Serial Sectioning in the Miceon Plus Range	e & Mode	ern Techniques		- The same of the		
	for Automation		* · - · -	1/2/200	AL DUGUES	-	Commission of the Commission o
,	, ,	2006	\$15.00		ALBUOUERO		
#287	Crycelectron Tomography						



Early Times of Electron Probe Analysis

2006

1986

\$15.00

\$8.00

Cryoelectron Tomography

Presented by NA

Presented by Daniella Nicastro

#287

#288