#### **Index of Advertisers**

Index of Advertisers	
Company (www address)	Page
4pi Analysis, Inc (www.4pi.com)	11
Advanced Microscopy Techniques(www.amtimaging.com)	25
Digital Instruments, VEECO Metrology Group (www.di.com)	9
EDAX Inc.(www.edax.com)	39
EMPIX Imaging (www.empix.com)	28
Ernest F. Fullam (www.fullam.com)	30
FEI Company (www.feic.com)	2
FilmAce (www.filmace.com)	35
Gatan Inc. (www.gatan.com)	19
Geller MicroAnalytical Lab (www.gellermicro.com)	13
Image Control Inc. (www.imagecontrolinc.com)	5
IXRF Systems (www.ixrfsystems.com)	20
JEOL USA (www.jeol.com)	40
Materials Analytical Services (MAS) (www.mastest.com)	29
Meiji Techno America (www.meijitechno.com)	31
Micro Star Technologies (www. Microstech.com)	33
Nicolet Instrument Corporation (www.nicolet.com)	4
NORAN Instruments Inc (www.noran.com)	23
Oxford Instruments (www.oxford-instruments.com)	27
PerkinElmer Instruments (www.perkinelmer.com/instruments)	12
Princeton Gamma Tech (www.pgt.com)	15
Soft Imaging Systems Corporation (www.soft-imaging.com	17
XEI Scientific (www.SEMCLEAN.com)	32

#### Subscription Request/Correction Form

rioiii(Pieuse Pii	niceurry).
Dr.,Mr	.,Ms.
Signatura	
Signature Tel.#:	
I am currer correct address.	ntly receiving the newsletter and the above is my
	ceiving the newsletter but would like a no cost cop Illowing brief information:.

We would properly be considered a (check the most appropriate):

- \_\_A User of microscopy equipment/ materials/services.
- \_\_B Supplier of microscopy equipment/ materials/services.

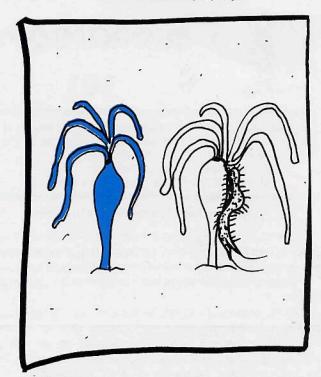
Our interests include (check all applicable):

- \_\_C Physical/Material Sciences.
- D Biological/Biomedical Sciences.
- E Earth Sciences.

My own professional interests include (check all applicable):

- \_\_F Electron Microscopy.
- \_GConfocal Microscopy.
- \_\_HSPM/AFM.
- \_\_I Light Microscopy.
- \_\_J IR Microscopy.
- \_\_K Acoustic Microscopy.

#### WEE Beasties



Yeah, he kinda grows on you after a while!

Cartoon compliments of John Gustav Delly

#### MICROSCOPY TODAY

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

The objective of this publication, perhaps unlike many others, is simply to provide material of interest and value to working microscopists!

ನು ಭು ನು ಶು ಶು ಶು ಶು ಶು ಸು

こうとうとうとうとうとうとうとう

It is produced six times each year and mailed to just over 9,000 microscopists in the U.S. (each of which who have specifically requested subscriptions)—and to several hundred microscopists outside the U.S.

Due to the financial support of advertisers, the publication is sent at no charge to microscopists in the U.S. However, due to the relatively few international readers (and the resulting lack of advertising income) and the very high postage costs, we must charge for international subscriptions:

Canada, Mexico, Latin and South America: \$80 for one year and \$140 for two years.

Other International: \$110 for one year and \$190 for two years.

Individuals requesting subscriptions, or wishing to change/correct their current address, may use the form to the left. This completed form may be mailed or faxed, or information sent by email, or the information may be provided via our www site.

We greatly appreciate article/material contributions from our readers—"users" as well as manufacturers/suppliers. The only criteria is that the subject matter be of interest to a reasonable number of working microscopists.

#### MICROSCOPY TODAY

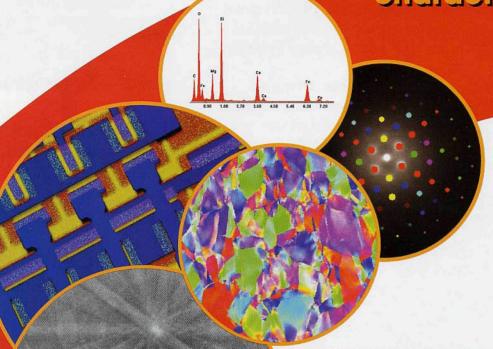
PO Box 620122 Middleton, WI 53562 (608)836-1970 ● Fax: (608)836-1969 eMail: microtoday@mindspring.com

www.microscopy-today.com U.S. Circulation: 9,001 (10/1/01)

44444444444444444

## EDAX

# Microanalysis... advancing materials characterization





### elemental analysis STRUCTURAL ANALYSIS

Microcalorimetry in the SEM

CHEMICAL ANALYSIS

EDS in the SEM and TEM

. EBSD in the SEM

OIM provides crystal orientation mapping and texture analysis

GENESIS is the next generation of EDS analytical software on the Phoenix and Falcon platforms

Polaris sets a new resolution standard for

Delphi combines EBSD and EDS data for phase identification

#### **INTEGRATED SOLUTIONS**

 Realize the next level of materials characterization with combined EBSD and EDS analysis

Europe, Africa and Middle East +31-13-536-4000 S.E. Asia +852-2698-7373 Emaîl: info@edax.com

Visit our website at www.edax.com

Americas 201-529-4880 Japan +81-3-3740-5172





EDAX Inc. is a unit of AMETEK Inc. Process & Analytical Instruments Division The JSM-6500F is the most versatile analytical FE SEM in existence today. Utilizing the incredibly small spot size at high current and low kV (e.g., 10nm at 5kV and 50 nA), the JSM-6500F, when equipped with EDS, EBSD, CL and even WDS, is an instrument able to completely define the real world, especially the small part of it you're trying to analyze.

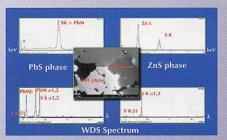
But the Real World is also comprised of problems and solutions, research—basic and applied—forensic, medical, industrial manufacturing and processing—It's all the real world, and the JSM-6500F, with an easy to use PC interface and fully automated eucentric stage, makes it the most efficient and accommodating SEM on the market. Add a wide variety of hardware and software options and you have an instrument that will also define your work world.

EDS 35° TOA at 10mm WD

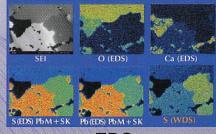
00



**EBSD** 



**WDS** 



**EDS** 

3030050 0

JSM-6500F

EBSD normal to the tilt axis

WDS 35° TOA at 10mm WD

JEOL JSM-8500F

11 Dearborn Road, Peabody, MA 01960 (978) 535-5900 eod@jedl.com