

Penn State Student Chapter Tours Electroceramics Plant

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The Penn State Student Chapter, in conjunction with the June business meeting, was given a plant tour of a local electroceramics company. State of The Art, Inc., located in State College, PA, specializes in the production of a broad range of thick film chip resistors and other thick film products. Don Hamer, founder and president of the company, along with several other employees, provided the chapter members with an in-depth look at the will fabrication of thick film chip resistors from designing the circuitry to quality control and applications.

The plant tour of State of The Art, Inc. represents just one of the many monthly programs that the Penn State Student Chapter has offered during its first six months of existence. On an ongoing basis, the Chapter is providing a survey of materials science by offering a series of laboratory visits within the University. The Chapter has toured the bioengineering, physics, holography and nonlinear optics laboratories as well as the University nuclear research reactor. The laboratory visits have included various experimental demonstrations with accompanying lectures from departmental faculty and students.

The goal of the Penn State Student Chapter is to promote the exchange of ideas of students, faculty and employees with an interest in any aspect of materials science. With that goal in mind, the Penn State Student Chapter, chartered at the



Penn State Student Chapter attendees at the State of The Art, Inc. Plant Trip. Paul Sliva, Chapter president (kneeling-left); Don Hamer, State of the Art president; Rich Legg, production control manager (2nd row, second and third from the right); Art Hammer, computer programmer; Bill Hewel, quality control manager (3rd row, first and second from the right).

photo by Phillip LaCroix

1985 MRS Fall Meeting, has since grown to well over 60 members. At present, the membership consists primarily of graduate students attracted from a variety of disciplines throughout the University. Departments represented include: Architectural, Electrical and Nuclear Engineering, Physics, Chemistry, Geochemistry, Polymer Science, Ceramic Science and Solid State Science. Faculty advisors, Gary Messing (Ceramic Science and Engineering) and Rustum Roy (Solid State Science) and Ernie Hawk (Science, Technology and Society) also serve to continue the distinct interdisciplinary approach of the Penn State Student Chapter.

In the future, the Penn State Student

Chapter plans to see the University's computer-aided design workshop, the polymer science and structural wood labs, and hear lectures on ancient ceramics and the design and use of materials in sculpture. This summer the Student Chapter will be visiting the Ceramic Research Center and Museum of the Corning Glass Works in Corning, NY and hold its first Annual Student Chapter Picnic. After becoming recognized as a University organization this Fall, the Penn State Student Chapter will produce several University-wide programs including invited speakers and a workshop on proposal writing.

MRS

*Interested in organizing an
MRS Student Chapter or Section
in your area?*

Contact MRS Headquarters for information.

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