

FUTURE MRS MEETINGS

▪ Fall Meetings ▪

1990 November 26 - December 1
Boston, Massachusetts

1991 December 2 - 7
Boston, Massachusetts

1992 November 30 - December 5
Boston, Massachusetts

1993 November 29 - December 4
Boston, Massachusetts

1994 November 28 - December 3
Boston, Massachusetts

1995 November 27 - December 2
Boston, Massachusetts

▪ Spring Meetings ▪

1991 April 28 - May 3
Anaheim, California

1992 April 27 - May 2
San Francisco, California

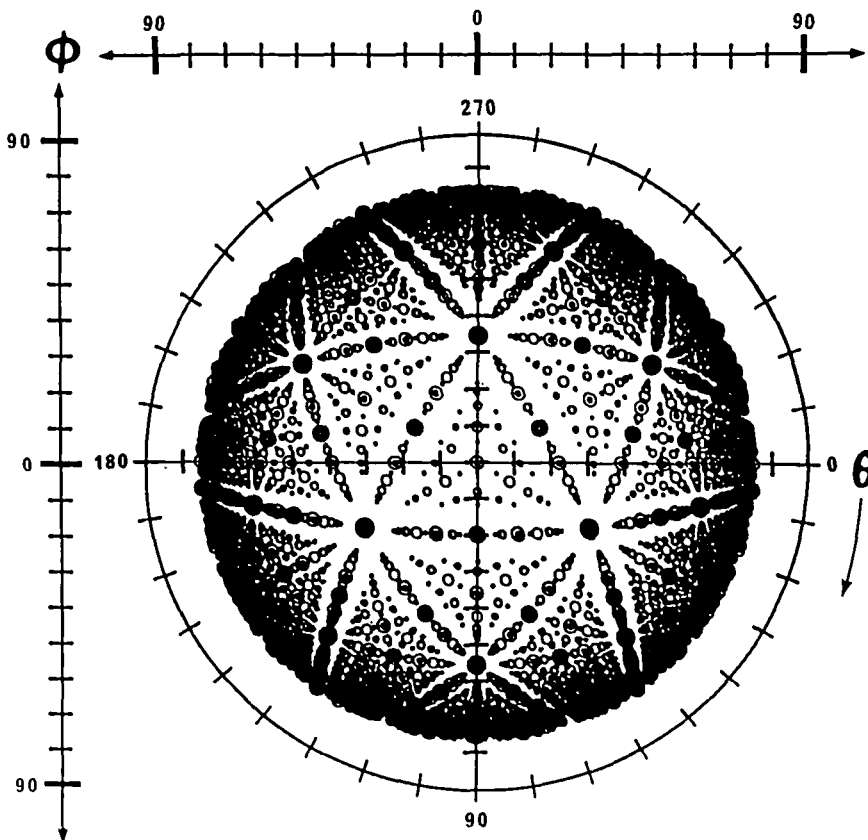
1993 May 17 - 22
Anaheim, California

1994 April 11 - 16
San Francisco, California

1995 To Be Announced

1996 April 22 - 27
San Francisco, California

Figures appearing in the EDITOR'S CHOICE are those arising from materials research which strike the editor's fancy as being aesthetically appealing and eye-catching. No further criteria are applied and none should be assumed. When taken out of context, such figures often evoke images beyond and unrelated to the original meaning. Submissions of candidate figures are welcome and should include a complete source citation, a photocopy of the report in which it appears (or will appear), and a reproduction-quality original drawing or photograph of the figure in question.



Aficionados of EDITOR'S CHOICE may think we have lapsed into repetitiveness with another allusion to planetary apparitions in a data figure.¹ Not so! All things spherical are not extraterrestrial. This month's illustration presents an atom's-eye view from eight layers beneath the surface (there's a Jules Verne reference here somewhere) of the atoms above. Plotted by simple geometric projection for the (111) surface of platinum, this soccer-ball-like image is not dissimilar to those stereographic projections of symmetry axes and planes used in diffraction studies. In this case, it is used to describe how Auger electrons emitted subsurface will "silhouette" atoms intervening between emitter and detector. It is part of work reported by D.G. Frank et al. (*Langmuir* 5, 1989, p. 1141-1146). The May issue of the *MRS BULLETIN* will feature a related article on angular distribution Auger microscopy.

1. *MRS Bulletin* XII, No.2 (Feb/Mar 1987) p. 17.