

S E M I N A R

ELECTRONICS TECHNOLOGY DIVISION

SURFACE PHYSICS BRANCH

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PRAGUE, CZECHOSLOVAKIA

FRIDAY, 12 JUNE 1987

BUILDING 208, ROOM 260A

1:30 P.M.

"INCOMPLETE DISSOCIATION AND HYDRATION OF STRONG ELECTROLYTES IN AQUEOUS SOLUTION"

EXISTING DATA ON VAPOR PRESSURE, DENSITY, AND E.M.F FOR MANY ELECTROLYTES HAVE BEEN REANALYSED AND INTERPRETED IN TERMS OF HYDRATION AND INCOMPLETE DISSOCIATION. THESE TWO CONCEPTS CAN PLAY A VITAL ROLE IN DETERMINING THE NATURE OF CHEMICAL REACTIONS TAKING PLACE IN SUCH SOLUTIONS