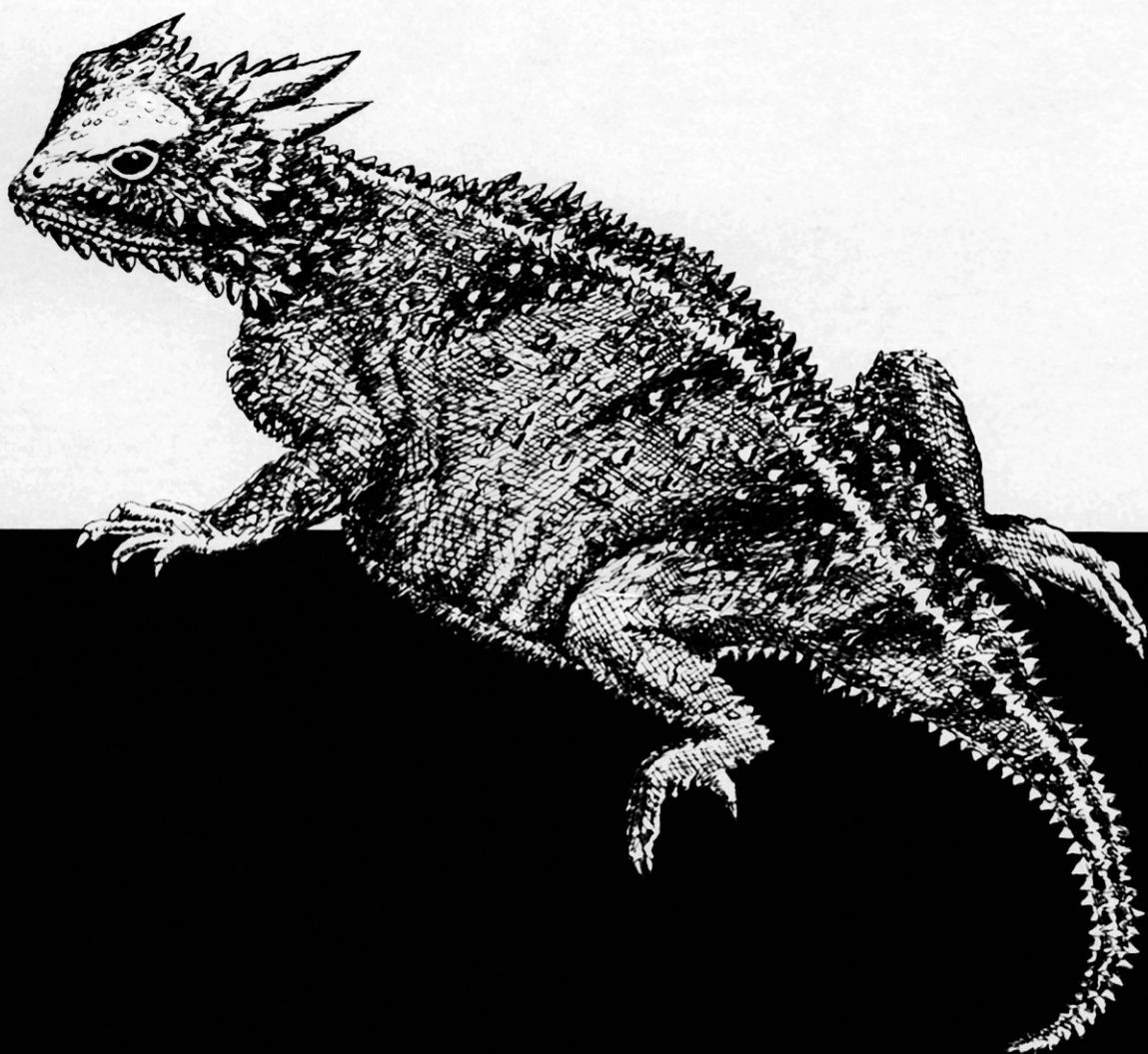


US Particle Accelerator School

Sponsored by The University of Texas at Austin

January 6-17, 1992



Program of Graduate-Level Credit Courses in Beam Physics and Associated Accelerator Technologies

First Week

Accelerator Modelling
R.M. Talman,
Cornell University
G. Bourianoff,
SSC Laboratory

**Physics and Technology
of Ion Sources**
I.G. Brown,
LBL

Superconducting Magnets
A. Devred,
SSC Laboratory

**Introduction to
Linear Accelerators**
T.P. Wangler,
LANL

**RF Systems for
Electron Linacs
and Storage Rings**
P.B. Wilson,
SLAC

Second Week

**Numerical Methods,
Maxwell and Newton**
R.K. Cooper,
LANL

**Experimental Techniques
for High Energy
Electron Accelerators**
J.T. Seeman,
SLAC

Superconducting Materials
D.C. Larbalestier,
U. of Wisconsin-Madison
W.H. Warnes,
Oregon State University

**Intense Charged
Particle Beams**
R.C. Davidson,
Princeton University

**Optical Systems for
Synchrotron Light Beams**
M.R. Howells,
LBL

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One selection from each week constitutes a course for 3 credit hours,
includes lectures, problem sessions and recitations

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Prerequisites: Classical mechanics and electromagnetism
at the junior or senior undergraduate level.

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Student Fee: \$300

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Limited financial assistance is available.
Requests should include biography, references and accomplishments

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Decisions on applications will be made beginning August 15, 1991

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Send applications to
US Particle Accelerator School
Fermilab, MS 125 • P.O. Box 500 Batavia, Illinois 60510