

## Particle Physics

Institute of Physics, Vietnam Academy of Sciences, Hanoi

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Sally Seidel

[seidel@phys.unm.edu](mailto:seidel@phys.unm.edu)

This course will introduce the student to elementary particle physics theory and experimental techniques.

Pre-requisites: Prior study of introductory quantum mechanics

Required textbook: “Introduction to Particle Physics” by David Griffiths.

Course structure:

- 10 lectures will be presented. The slides are available at

<http://www-hep.phys.unm.edu/~seidel/VEF2/>.

- 5 sets of problems will accompany this series. Students will solve these problems in teams in the classroom. The professor is available to guide the teams.