

PHY 689 - *ACCELERATOR*

Wed. Jan 24

Home work, for Jan 31 :

- 1/ **Project: think about a subject**, and,
Prepare 2 slides to be shown here - send it to me prior to the course - explaining your advancement/thoughts regarding the subject you plan to choose.

Remember: your choice has to be finalized by Feb. 7.

Be prepared to show 2 slides on Feb. 7: work plans for the next 12 weeks regarding your project.

- 2/ **Read J. Le Duff, “Time varying electric field: the cyclotron”**,
Section 1.2 in “*Longitudinal beam dynamics in circular accelerators*”, “CAS - CERN Accelerator School : 5th General Accelerator Physics Course, Vol. 1”,
Yellow-Report CERN-94-01.
(link found in “Textbook and suggested materials”, CASE page.)

- 3/ Complete installation of Zgoubi, “ready-to-operate”