

Seminar: Contemporary Physics/PHY 685A

Spring 2023

Location: Dow 208

Time: Friday 1-2 pm

Instructor: Dr. Valeri Petkov, Dow 232

Office: (989) 774-3395, E-mail: petko1vg@cmich.edu

Office hours: by arrangement

General Information and Grading Policies

Overview: The main objective of the class is to help students learn how to grasp major concepts of research done by others and communicate major concepts of their own research to others. For the purpose, students will

- i) select three faculty members of the Physics Department and present short written reviews of the research done by each of them. Students may decide to contact the faculty on-line and ask questions concerning the particular research topics. Also, students may decide to read research papers written by the faculty. The reviews should be at least 5 pages long, including plots.
- ii) make a poster (one PPT slide) with results from their own research and present the poster to the class for 15 min.

Textbook: There is no specific textbook for this course. Students are responsible for literature searches and efficient use of CMU library resources. In all cases, proper citations are required.

Prerequisites: Enrollment in the MS in Physics or permission of the Instructor.

Format of the instruction: The class will meet every week for seminars, discussions and/or presentations. Note that seminars organized by the Department of Physics are a part of the course and attendance is required.

Grading: The grade will be based on the written reviews of faculty research (50%) and presentation on the student's own research (50%). Students will be asked to evaluate each other's presentation.

Central Michigan University complies with the Americans with Disabilities Act and Sect 504 of the Rehabilitation Act. If you have a disability and anticipate needing accommodations in this course, please register with the Office of Student Disability Services (Park Library, Room 120, 989-774-3018) and contact me with a letter of accommodations as soon as possible. Retroactive requests for accommodations will not be honored. For more information, see <https://www.cmich.edu/ess/studentaffairs/SDS/Pages/default.aspx>.

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