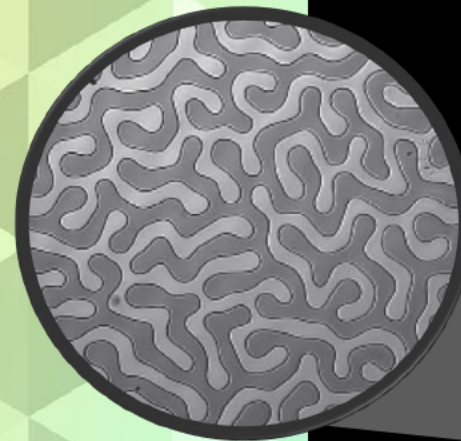


Let's see the **MAGNETOOPTICAL** phase interference patterns

Using the magneto-optical effect, a physical phenomenon created by the interaction between magnetism and light, we can control the direction and intensity of light using magnetism. Devices utilizing this phenomenon are called magneto-optical devices, and are used in displays, optical circuit components, laser devices, sensing, and other applications.

In this training, we plan to observe and consider the patterns created when light passing through special magnetic materials is diffracted by phase interference phenomena. You can learn about basic magneto-optical effects such as the Faraday effect and materials with large magneto-optical effects through experiments and classroom studies.



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2. Number of students: <4
3. Period: The 2nd semester
4. The 1st lecture: Oct. 4th, 16:30-, RIEC, Building I Room N102