Lectures on topological solitons, their mathematical properties and physical applications.

As always, the aim of this informal workshop is to increase interactions (and possible future collaboration) between Skyrme oriented physicists and mathematicians. So, we are mainly focused on discussion. Therefore, we plan to have only 3 talks every day.

Participants and Talks

- Christoph Adam (Santiago de Compostela, Spain), TBA
- Henryk Arodz (Krakow, Poland)
- Stefano Bolognesi (Pisa, Italy), "From Sakai-Sugimoto to the Generalized Skyrme model"
- Lukasz Bratek (Krakow, Poland)
- Karlygash Dosmagulova (Almaty, Kazakhstan)
- David Foster (Bristol, UK), TBA
- Svan Bjarke Gudnason (Lanzhou, China), "A higher-order Skyrme model"
- Mareike Haberichter (Amherst, US) and (Oldenburg, Germany), TBA
- Chris Halcrow (Cambridge, UK), "How to calculate the Casimir energy of a Skyrmion"
- Chris King (Cambridge, UK), TBA
- Steffen Krusch (Canterbury, UK), TBA
- Carlos Naya (Durham, UK), TBA
- Muneto Nitta (Keio, Japan), TBA
- Ilia Perapachka (Minsk, Belarus)
- Tomasz Romanczukiewicz (Krakow, Poland), TBA
- Albert Samoilenka (Minsk, Belarus)
- Yasha Shnir (Dubna, Russia), "Gauged baby Skyrmions"
- Martin Speight (Leeds, UK), TBA
- Lukasz Stepien (Krakow, Poland)
- Jose Queiruga (Karlsruhe, Germany), TBA
- Andrzej Wereszczynski (Krakow, Poland), TBA
- Wojtek Zakrzewski (Durham, UK), "Quasintegrability and some aspects of Toda field theories"
- Zhanat Zhunussova (Almaty, Kazakhstan)