WYDZIAŁ MATEMATYCZNO – FIZYCZNY
Instytut Matematyki

Zaprasza na wykład pod tytułem:

On the choice filter problem

który wygłosi:

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ABSTRACT:

Thinking about hyperstructures in topology, the question arises, which kind of mappings between a set and its power set are natural. Here we consider choice functions (instead of the even more flexible selections).

In metric spaces, there is a nice description of convergence w.r.t. the Hausdorff metric on the family of compact subsets, using choice functions. This holds also for the Vietoris topology in wide classes of topological spaces. Nevertheless, the use of choice functions leads immediately to very natural questions, which tend to touch the limits of set theoretic axiomatics.

We will present some results in this way and especially some open questions.

Wykład odbędzie się **06 kwietnia 2017 r.** (czwartek)
o godz. **16.00** w sali 212
w budynku Wydziału Matematyczno – Fizycznego.