WYDZIAŁ MATEMATYCZNO – FIZYCZNY
Instytut Matematyki

Zaprasza na wykład pod tytułem:

PSEUDODIFFERENTIAL OPERATORS WITH NON-REGULAR SYMBOLS AND THEIR APPLICATIONS

który wygłosi:

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Banach algebras of pseudodifferential operators with non-regular symbols discontinuous with respect to spatial and dual variables are studied on weighted Lebesgue spaces with Muckenhoupt weights. Applying boundedness and compactness results, weighted norm inequalities and local techniques we construct non-commutative algebras of Fredholm symbols for these operator algebras and establish Fredholm criteria for operators in these algebras in terms of their Fredholm symbols. Applications to algebras of singular integral operators with shifts and slowly oscillating data are considered.

Wykład odbędzie się **22 grudnia 2014 r.** (poniedziałek)
o godz. **15.00** w sali 212
w budynku Wydziału Matematyczno – Fizycznego.