

**Sixth European Congress of Mathematics**  
Kraków, Poland

*Satellite Thematic Session*  
in  
**Homotopy Theory**

**SUNDAY, JULY 1, 2012: Large Hall B, Jagiellonian University:**

- 10:30-11:20 Marek Golasinski (Nicholas Copernicus University, Torun)  
"Free and properly discontinuous actions of discrete groups  
on homotopy circles"
- 11:30-12:20 Martin Markl (Czech Academy of Science)  
"The biassociahedron"
- 12:20-13:40 Lunch
- 13:40-14:30 Jesper Grodal (University of Copenhagen)  
" $F$ -isomorphism in group cohomology implies  $p$ -fusion isomorphism,  
when  $p$  is odd"
- 14:40-15:30 Dietrich Notbohm (Vrije Universiteit, Amsterdam)  
"Almost complex structures on quasi toric manifolds"
- 15:30-16:00 Break
- 16:00-16:50 Carles Casacuberta (University of Barcelona)  
"Cohomological localizations exist if supercompact cardinals exist"
- 17:00-17:30 Matan Prezma (Ben-Gurion University)  
"Homotopy normal maps"

**MONDAY, JULY 2, 2012: Grand Hall U2, AGH U. Science & Technology:**

- 16:30-17:20 Anicetto Murillo (Universidad de Malaga)  
"Algebraic models of non connected spaces via the  
Lawrence-Sullivan construction"
- 17:30-18:20 Volodymyr Sharko (National Academy of Sciences, Ukraine)  
"Crossed complexes and application"
- 18:30-19:00 Debasis Sen (University of Haifa)  
"Representing Bredon cohomology with local coefficients  
by crossed complexes and parametrized spectra"

**TUESDAY, JULY 3, 2012 Grand Hall U2, AGH U. Science & Technology:**

- 15:45-16:35 Sylvain Cappell (Courant Institute, New York University)  
"Symmetries and Rigidity of Aspherical Manifolds:  
A Counterexample to the Conner-Raymond Conjecture"
- 16:45-17:35 Norio Iwase (Kyushu University)  
"On the equivariant systolic category"
- 17:45-18:35 Clark Barwick (Massachusetts Institute of Technology)  
"Waldhausen  $K$ -theory as a Goodwillie Derivative"

**WEDNESDAY, JULY 4, 2012 Grand Hall U2, AGH U. Science & Technology:**

- 14:30-15:20 Simona Paoli (University of Leicester)  
" $n$ -fold groupoids,  $n$ -types and  $n$ -track categories"
- 15:30-16:00 Michal Kukiela (Nicholas Copernicus University, Torun)  
"Non-compact discrete Morse theory and rayless spaces"
- 16:10-16:40 Zbigniew Blaszczyk (Nicholas Copernicus University, Torun)  
"Free actions of alternating groups on products of spheres"