

Boğaziçi MATH COLLOQUIUM

Mapping Class Groupoids and Thompson's groups

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Abstract: We aim to concoct a uniform treatment of mapping class groups and Thompson's groups and to generalize them. As a by-product we obtain a description of the outer automorphism group of free groups as the isotropy group of a groupoid, akin to the mapping class groupoid of Mosher and Penner. We illustrate some arithmetic aspects of these groupoids at the end of our talk.

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Time: 13:30

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