

ROSCOFF 2–6 JUIN 2008 — DYNAMIQUE DANS L'ESPACE DE TEICHMÜLLER

PROGRAMME AS OF TUESDAY 16:00

**Monday — Salle de conférences CNRS**

|               |                              |  |
|---------------|------------------------------|--|
| 09:30 – 10:00 | <i>Welcome, decide talks</i> |  |
| 10:00 – 11:30 | Martin Möller 1/3            | Studying translation surfaces by algebro-geometric methods |
| 11:30 – 11:50 | <i>Coffee break</i>          |  |
| 11:50 – 12:50 | Barak Weiss 1/3              | Invariant loci in the moduli space fo translation surfaces |
| 13:00 – 14:30 | <i>Lunch break</i>           | <i>Lunch at restaurant LE GULF STREAM</i>                  |
| 14:30 – 16:00 | Alexander Bufetov 1/3        | Suspension flows over Vershik's automorphisms              |
| 16:00 – 16:20 | <i>Coffee break</i>          |  |
| 16:20 – 17:10 | Yitwah Cheung                | Hausdorff dimension of singular vectors                    |
| 17:20 – 17:10 | Joshua Bowman                | Delaunay triangulations                                    |

**Tuesday — Salle de conférences CNRS**

|               |                       |  |
|---------------|-----------------------|--|
| 09:30 – 11:00 | Barak Weiss 2/3       | Invariant loci in the moduli space fo translation surfaces |
| 11:00 – 11:20 | <i>Coffee break</i>   |  |
| 11:20 – 12:50 | Alexander Bufetov 2/3 | Suspension flows over Vershik's automorphisms              |
| 13:00 – 14:30 | <i>Lunch break</i>    | <i>Lunch at restaurant LE GULF STREAM</i>                  |
| 14:30 – 15:40 | Martin Möller 2/3     | Studying translation surfaces by algebro-geometric methods |
| 15:40 – 16:00 | <i>Coffee break</i>   |  |
| 16:00 – 16:50 | Corinna Ulcigrai      | Linear flows on the octagon                                |
| 17:00 – 17:30 | John Chaika           | Shrinking targets and interval exchange transformations    |

**Wednesday — Salle de conférences CNRS**

|               |                        |  |
|---------------|------------------------|--|
| 09:30 – 11:00 | Martin Möller 3/3      | Studying translation surfaces by algebro-geometric methods |
| 11:00 – 11:20 | <i>Coffee break</i>    |  |
| 11:20 – 12:50 | Barak Weiss 3/3        | Invariant loci in the moduli space fo translation surfaces |
| 13:00 – 14:30 | <i>Lunch break</i>     | <i>Lunch at restaurant LE GULF STREAM</i>                  |
| 15:00 – 16:30 | Alexander Bufetov 3/3  | Suspension flows over Vershik's automorphisms              |
| 16:30 – 16:50 | <i>Coffee break</i>    |  |
| 16:50 – 17:40 | Jean-Christophe Yoccoz | Affine interval exchange maps with wandering intervals     |

**Thursday — Hôtel de France**

|               |                                |   |
|---------------|--------------------------------|---|
| 09:30 – 10:20 | Jérôme Los                     | Pseudo-Anosov diffeomorphisms without fixed points                              |
| 10:30 – 11:00 | Alexei Klimenko                | Combinatorial properties of Markov partitions of automorphisms of the two-torus |
| 11:00 – 11:20 | <i>Coffee break</i>            |   |
| 11:20 – 12:10 | Gabriela Schmithüsen           | Congruence Veech groups in genus 3  |
| 12:20 – 12:50 | David Zmiaikou                 | Square-tiled surfaces   |
| 13:00 – 14:30 | <i>Lunch break</i>             | <i>Lunch at restaurant LE GULF STREAM</i>                                       |
| 14:30 – 19:00 | <i>Excursion / discussions</i> | <i>Excursion to ÎLE DE BATZ and/or discussions</i>                              |
| 19:00         | <i>Conference dinner</i>       | <i>Dinner at restaurant LE GULF STREAM</i>                                      |

**Friday — Hôtel de France**

|               |                     |  |
|---------------|---------------------|--|
| 10:00 – 10:50 | Ursula Hamenstädt   | Classification of Radon measures on the space of measured laminations / Entropy for the Teichmüller flow |
| 10:50 – 11:10 | <i>Coffee break</i> |  |
| 11:10 – 12:00 | Artur Avila         | Exponential decay of correlations for quadratic differentials  |
| 12:10 – 12:40 | Ferrán Valdez       | Nondiscrete Veech groups   |
| 13:00 – 14:30 | <i>Lunch break</i>  | <i>Lunch at restaurant LE GULF STREAM</i>  |
| 15:00 – 15:30 | Duc-Manh Nguyen     | Parallelogram decompositions and affine groups in $\mathcal{H}(2)$                                       |
| 15:40 – 16:30 |                     |  |