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Mathematics and Statistics

**Seminars & Colloquium**

**September 6 - 10**

**Colloquium: There is no colloquium this week.**

**Monday – September 6**

***Labor Day***

**Tuesday – September 7**

**Logic-Topology Seminar**

Time: 2:30 - 3:20 pm

Room: Math 013  
Organizational Meeting

**Wednesday – September 8**

**Analysis Seminar**

Time: 4:00 - 5:00 pm

Room: Math 109

Speaker: Alexander Solynin

**Title:   “**Elements of Stochastic Calculus. Part I”

**Topic of Fall 2010 Semester: “Conformally Invariant Processes in the Plane”.**

**Thursday – September 9**

**Friday – September 10**

**Algebra Seminar**

Time: 3:00–4:00 pm

Room: Math 016

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|  | Arne Ledet "Skew Fields of Fractions" |
| Abstract. | For an integral domain R, the field of fractions Q(R) is the unique `smallest' field containing R.  For a non-commutative domain D, it is not as simple: Sometimes, a unique 'skew field of fractions' exists, sometimes several non-unique 'smallest' skew fields containing D exist, and sometimes D cannot be embedded in a skew field at all. |