

Master 2
Fundamental Mathematics
Rennes 2021-22

Tobias Schmidt
tobias.schmidt@univ-rennes1.fr

Université de Rennes 1
& Université de Bretagne Occidentale,
ENS Rennes, ENSAI

Centre Henri Lebesgue

Tasks of the first semester

1. Lectures of the first semester
2. Seminar
3. Search for an internship

Lectures of the first semester

18 courses structured in 3 parcours :

Randomness, algebra & geometry, analysis & applications.

<https://math.univ-rennes1.fr/master-2-maths-fundamentales>

1. Choose **at least four courses**
+ mandatory English lectures (unless you are exempt...)
2. No thematic constraint
3. Possibility to attend **more courses** (recommended)
while keeping only **best grades**
4. Possibility to attend **M2 lectures in Nantes**
with travel expenses payback and compatible schedule

The Seminar

1. Choice of a mathematical text in late October
2. Defense and report in early January

An opportunity to meet a possible adviser for the internship.

Do not hesitate in stimulating propositions.

Search for an internship

- ▶ Seek here in Rennes as early as **October** and elsewhere starting from November
- ▶ Identify **your scientific interests**
- ▶ **Involve faculty members** (teachers and chairs) as **guides** and as scientific **guarantors** for here and elsewhere!

Other activities

- ▶ **Doctoral courses** in Rennes (often in February-April)
<https://irmar.univ-rennes1.fr/cours-doctoraux-lirmar>
- ▶ **PhD students seminar**, in Rennes, all year long
- ▶ **The days Louis Antoine**, two-days Masterclasses, in Rennes
Expenses payback for students from Nantes (and elsewhere)
25-26th November, *Séries formelles, arithmétique et combinatoire*. February 2022 *to be announced*
- ▶ **Masterclass** 14-16 dec. 2021, Angers,
organized by the **Centre Henri Lebesgue (CHL)**
- ▶ **Schools** over 1 or 2 weeks, in the CHL Thematic semester
In 2022, *Machine Learning and Artificiel Intelligence*
- ▶ **5 minutes Lebesgue** all year long - to be announced
- ▶ **Forum Emploi Maths** - 12th october 2021

An important task for today

You need to choose your courses today. Please fill out and sign the form and return it to me after the reunion.

Thank you for your attention !