

*The Workshop on
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Introduction to p-adic Numbers and p-adic Integrals

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In my lectures I will introduce p-adic numbers and p-adic integration in view of applications, most of them in connection with topic of the workshop. The applications I will present will range from linear recurrence sequences to rationality of generating series in number theory, birational geometry of algebraic varieties, transfer principles and uniformity for p-adic integrals.