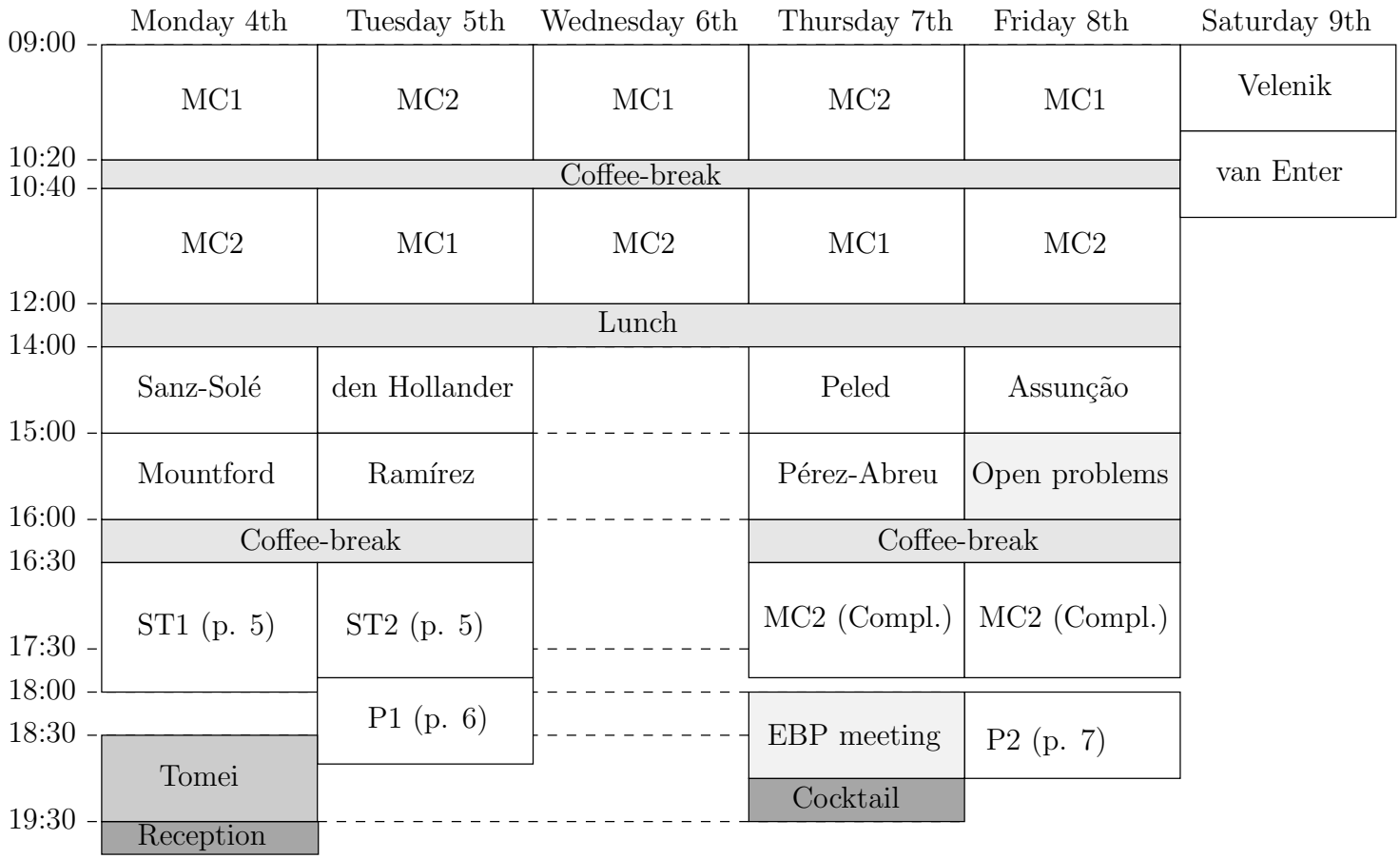
EBPXII - SCHEDULE



MC1= Minicourse 1, by Amir Dembo and Andrea Montanari
MC2= Minicourse 2, by Elisabetta Scoppola
MC2 (Compl.) = Minicourse 2, Complements, Alexandre Gaudillière
ST= Short Talks, P=Poster

The introductory minicourse of Leandro Pimentel will be in parallel with MC1.
The open lecture of Prof. Carlos Tomei will take place at the Escola de Farmácia (point 2 on the map).

Due to last minute changes, this schedule can suffer modifications along the week. Please verify the daily program at the EBP office.

MINICOURSES

Amir Dembo and Andrea Montanari, Stanford
Gibbs Measures and Phase Transitions on Sparse Random Graphs

Elisabetta Scoppola and Alexandre Gaudillière, Roma
Introduction to Metastability

PLENARY LECTURES

Renato Assunção, Belo Horizonte
Probability Problems in Spatial Statistics

Aernout van Enter, Groningen
Loss and recovery of temperature during fast heating: Conservation, loss and recovery of the Gibbs property in Ising and XY models.

Frank den Hollander, Leiden
On the potential-theoretic approach to metastability

Thomas Mountford, Lausanne
Critical values for threshold contact processes in large dimensions.

Ron Peled, New York
Gravitational allocation to Poisson points - old and new results

Victor Pérez-Abreu, Guanajuato
Infinitely Divisible Distributions on Cones

Alejandro Ramírez, Santiago de Chile
Large Deviations of the Front in a One-Dimensional Model of $X + Y \to 2X$

Marta Sanz-Solé, Barcelona
Some Properties of the Density of a 3-d Stochastic Wave Equation

Yvan Velenik, Genève
The Geometry of Stretched Self-Interacting Polymers

OPEN LECTURE

Carlos Tomei, Rio de Janeiro
Combinatória no Gelo (palestra em português)
Combinatorics on ice (talk in portuguese)

CURSO INTRODUTÓRIO

Leandro Pimentel, Delft
Uma Introdução à Probabilidade (em português)

SHORT TALKS 1

Cristian F. Coletti, São Paulo
Scaling limit for a lattice model

Pablo A. Ferrari, São Paulo
Multiclass transport processes

Luiz Renato Fontes, São Paulo
Bootstrap percolation on homogeneous trees has two phase transitions

Nancy L. Garcia, Campinas
Multicolor systems with interactions of infinite range

Anatoli Iambartsev, São Paulo
Ising Model on Uniform Infinite Lorentzian Triangulation

Roberto I. Oliveira, Rio de Janeiro
Transportation cost inequalities for typical projections of high-dimensional measures

Michail Loulakis, Heraklion
Large Deviations of Sums of Subexponential Random Variables in the Single Big Jump Regime

Fabio Machado, São Paulo
Limit theorems for an epidemic model on the complete graph

SHORT TALKS 2

Nicolas Pétrélis, Zürich
Copolymer in an emulsion: supercritical and subcritical regime

Leandro P. R. Pimentel, Delft University
Diffusivity of the Busemann function for longest increasing paths

Serguei Popov, São Paulo
Survival time of random walk in random environment among soft obstacles

Leonardo Rolla, São Paulo
Phase Transition for Activated Random Walk Models

Remy Sanchis, Belo Horizonte
Percolation of words on $\mathbb{Z}^d$ with long range bonds

Valentin Sisko, Niterói
On the shape stability for a growth model

Edson A. C. Teran, Salvador
Random nonlocal problem

POSTER SESSION 1

Miguel Abadi, Campinas
Hitting and Returning under weak mixing conditions

Luis Rodrigo Fernandes Baumann, São Paulo
Measures of Local Dependence

Sergio de Carvalho Bezerra, São Paulo
The expansion for the overlap function

Iesus C. Diniz, São Paulo
Poissonian Tree Constructed from Independent Poisson Point Processes

Chang C.Y. Dorea, Brasília
A note on Lindeberg conditions and convergence to stable laws under Mallows distance

Alexander Fribergh, Lyon
Random walks in random environments and trapping phenomena

Christophe Gallesco, São Paulo
On the moments of the meeting time of N independent Random Walks in Random Environment

Alexsandro Gallo, São Paulo
Existence for unbounded variable length memory chains

Adrian Hinojosa, Ricardo Vilela, Belo Horizonte
Quasi-Stationary distributions and genetic drift

Armando G. M. Neves, Belo Horizonte
The number of generations between branching events in a Galton–Watson tree and its application to human mitochondrial DNA evolution

Alex Ramos, Recife
Chaos and Monte-Carlo approximations of the Flip-Annihilation process

Rolando F. A. Salazar, Lima
Construction of the zero range process

Roger W. C. Silva and Gregório S. Atuncar, Belo Horizonte
Ruin Probability and Diffusion Processes

Calitéia Sousa, Recife
Study of Systems with Variable Length using Processes Without Collisions

Daniel Y. Takahashi, São Paulo
On measures of directed dependencies between stationary Gaussian processes

Andrei Toom, Recife
Law of Large Numbers for Cellular Automata

POSTER SESSION 2

Jeanne C. Amaral and Sacha Friedli, Belo Horizonte
The construction of normal numbers

Petrus H. R. dos Anjos, São Carlos
On the energy-momentum spectrum of the Four-Fermi Model on a lattice

Marta C. C. Bianchi, Campinas
Graphic Test to the Archimedean Copulas using BIPIT variables

Hugo A. de la Cruz, Manzanillo
An approach for constructing RA-stable high order explicit schemes for stochastic differential equations with additive noise

Raphael Drumond, Belo Horizonte
Probability and Geometry in Entanglement Dynamics

Denise Duarte, Belo Horizonte
The sequential bootstrap performance for sparse chains

Daniela B. F. Goto, Campinas
Maximum likelihood estimator for spatial pure birth with missing data

Jesus Garcia, Campinas
Collapsible context trees

Veronica A. Gonzalez-Lopez, Campinas
An exact nonparametric independence test

Rosangela H. Loschi, Belo Horizonte
Shape mixtures of multivariate skew-normal distributions

José Carlos Simon de Miranda, São Paulo
Non Ruin Probability under Time-Varying Risk Process Premium and Interest Rates

Antônio F. Neto, São João del Rei
A meson-baryon bound state in a 2+1 lattice QCD model with two flavours and strong coupling

Rafael Rabelo, Belo Horizonte
Geometry of probability distributions

Nikita Ratanov, Bogota
Option pricing model based on telegraph process

Erica C. Rodrigues, Belo Horizonte
Analyzing data from the branching process

Adriano Siqueira, São Paulo
A Nonlinear Stochastic Differential Equation Model of Fatigue Crack Dynamics

Leandro Sieiro and Bernardo N.B. de Lima, Belo Horizonte
Random Matrices

Márcio L. L. Viola, Campinas
Robust Estimation of Context Trees