

Program for ECT* School "RG and EFT Approaches to Many-Body Systems", Feb 27-March 10

9:00-10:30	Mon 10:00 Welcome	Tue Lepage	Wed Lepage	Thu Lepage	Fri Shankar
10:30-11:00	Lepage	coffee	coffee	coffee	coffee
11:00-12:30	Lepage	Schaefer	Schaefer	Furnstahl	Shankar
14:30-15:00			Drut	Nakano	
15:00-16:30	Schaefer	Nogga	Furnstahl	Schaefer	Lepage
16:30-17:00	coffee	coffee	coffee	coffee	coffee
17:00-18:30	Nogga	Furnstahl	Nogga	Schaefer	Furnstahl

All lectures are 75min + 15min for discussions

9:00-10:30	Mon Gies	Tue Gies	Wed Blaizot	Thu Metzner	Fri Blaizot
10:30-11:00	coffee	coffee	coffee	coffee	coffee
11:00-12:30	Blaizot	Delamotte	Delamotte	Blaizot	Delamotte
14:30-15:00			Diehl	Braun	
15:00-16:30	Friman	Metzner	Friman	Delamotte	Gies
16:30-17:00	coffee	coffee	coffee	coffee	wrap-up
17:00-18:30	Metzner	Friman	Metzner	Gies	

Peter Lepage "Introduction to EFT and RG"

Thomas Schaefer "EFT for cold atoms and high-density QCD"

Andreas Nogga "EFT for nuclear forces"

Richard Furnstahl "EFT and density functional theory"

R. Shankar "RG approach to interacting Fermi systems"

Holger Gies "Introduction to the exact RG and applications to gauge theories"

Jean-Paul Blaizot "Exact RG approach to Bose-Einstein condensation"

Bengt Friman "RG approach to nucleonic matter"

Walter Metzner "Functional RG approach to low-dimensional Fermi systems"

Bertrand Delamotte "Exact RG approach to frustrated systems"

Joaquin Drut "Dilute Fermi gases in the BCS-BEC crossover"

Eiji Nakano "Shear viscosity of a pion gas"

Sebastian Diehl "Universality in the BCS-BEC crossover in cold fermion systems"

Jens Braun "The phase boundary of QCD at finite T and flavor number from the functional RG"