

Spring School PSIQD2011

“Product Systems and Independence in Quantum Dynamics”

March 7-12, 2011, Alfried Krupp Wissenschaftskolleg Greifswald

Time table

Sunday, March 6 in the evening: Arrival of the participants of the school

Monday, March 7 at 8:45: Opening

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00-10:30	PSHS	LP	Aut-II	PSHM	PSHS	Aut-II
10:30-11:00	coffee/tea	coffee/tea	coffee/tea	coffee/tea	coffee/tea	coffee/tea
11:00-12:30	LP	Ind	HM	PSHS	Aut-II	NCL_p
12:30-14:30	lunch	lunch	lunch	lunch	lunch	lunch
14:30-16:00	Ind	HM	LP	Aut-II	NCL_p	PSHM
16:00-16:30	coffee/tea	coffee/tea	coffee/tea	coffee/tea	coffee/tea	—
16:30-18:00	HM^1	PSHS	PSHM	NCL_p	PSHM	—
18:00-19:00	evening lecture	—	—	—	—	—

I.e. $5 \times 4 + 3 = 23$ lectures of 90 minutes and one (public) evening lecture on dilations.

PSHS $\hat{=}$ “Product systems of Hilbert spaces and their application in quantum dynamics” by B.V.R. Bhat

LP $\hat{=}$ “Lévy processes and their product systmes” by Volkmar Liebscher

Ind $\hat{=}$ “Independence in quantum probability” by Michael Schürmann

HM $\hat{=}$ “Introduction to Hilbert C^* -modules” by Uwe Franz

Aut-II $\hat{=}$ “Automorphisms of type II product systems of Hilbert spaces” by Boris Tsirelson

PSHM $\hat{=}$ “Product systems of Hilbert modules and their applications in quantum dynamics” by Michael Skeide

NCL_p $\hat{=}$ “Noncommutative L_p -theory in quantum dynamics” by Marius Junge

Monday, March 7 at 18:00: Evening lecture by Uwe Franz on “Dilations”

¹On Monday, March 7, the lecture “Introduction to Hilbert C^* -modules” ends exceptionnally already at 17:30.