

MATHEMATISCHES FORSCHUNGSINSTITUT OBERWOLFACH

Tagungsbericht 27/1975

Kategorien

29.6. bis 5.7.1975

Die Tagung fand unter der Leitung von J.Gray (Urbana) und H.Schubert (Düsseldorf) statt.

Teilnehmer

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|---|--|
| E.S.Bainbridge, Ottawa, Ont., Canada | R.Harting, Düsseldorf |
| B.Banaschewski, Hamilton, Ont., Canada | G.Hoff, St.Denis, Frankreich |
| M.Barr, Zürich | E.-R.Hoffmann, Düsseldorf |
| J.Benabou, St.Denis, Frankreich | J.Isbell, New York, USA |
| H.Bernecker, Hagen | H.Jaspers, Münster |
| A.Boileau, Montréal, Canada | P.T.Johnstone, Liverpool, England |
| F.Borceux, Louvain-la-Neuve, Belgien | G.M.Kelly, Sydney, Australien |
| G. van den Bossche, Louvain-la-Neuve | G.KinderDe, Leuven, Belgien |
| D.Bourn, Villeneuve d'Ascq, Frankreich | A.Kock, Aarhus, Dänemark |
| B.S.Brentrup, Münster | R.Lavendhomme, Louvain-la-Neuve, Belgien |
| H.B.Brinkmann, Konstanz | F.E.J.Linton, Middletown, USA |
| G.C.L.Brümmer, Rondebosch, Südafrika | S.MacLane, Chicago, USA |
| J.Cole, Sussex, England | J.Mac Donald, Vancouver, Canada |
| F.Coste, St.Denis, Frankreich | E.Manes, Amherst, USA |
| M.Coste, St.Denis, Frankreich | M.Masseron, St.Denis, Frankreich |
| G.Dartois, St.Denis, Frankreich | C.J.Mikkelsen, Aarhus, Dänemark |
| R.Diaconescu, Montréal, Canada | Ch.Mulvey, Brighton, England |
| Y.Diers, Villeneuve d'Ascq, Frankreich | R.Paré, Halifax, Canada |
| J.Duskin, New York, USA | D.Pumplün, Hagen |
| M.P.Fourmann, St.Giles, Oxford, England | B.Ratray, Montréal, Canada |
| R.Fritsch, Konstanz | J.-R.Roisin, Louvain-la-Neuve, Belgien |
| J.W.Gray, Urbana, USA | A.Shpuntoff, Urbana, USA |
| G.Greve, Münster | W.Sydow, Hagen |
| R.Guitart, Paris | N.Schämann, Münster |

D.Schumacher, Wolfville, Canada	F.Ulmer, Wuppertal
L.Stout, Montréal, Canada	H.Volger, Tübingen
G.Strecker, Manhattan, Kansas, USA	S.Vorster, Pretoria, Südafrika
M.Tierney, New Jersey, USA	G.C.Wraith, Sussex, England
Th.Thode, Düsseldorf	V.Zöberlein, Düsseldorf
W.Tholen, Hagen	

Vorträge (Kurzfassungen liegen nicht vor)

B.Banaschewski: Categorical aspects of atomic compactness of structures.

M.Barr: Ideas on duality.

J.Benabou: The logic of categories - application to classifying toposes.

H.Bernecker: Flatness and absolute purity applying functor categories to Ring theory.

F.Borceux: On product preserving Kan extensions.

D.Bourn: Proditopos.

G.C.L.Brümmer and R.-E.Hoffmann: A characterization of absolutely topological functors.

I.C.Cole: Morphism-classifiers and spectra.

M.F.Coste: Construction of recursive maps in a topos.

M.Coste: Description of some sites used for classifying models of a geometric theory.

R.Diaconescu: Non-abelian cohomology à la Giraud.

Y.Diers: Type de densité d'une sous-catégorie pleine.

M.P.Fourman: Sheaf Models for set theory.

R.E.Hoffmann: Topological functors admitting generalized Cauchy-completions.

J.Duskin: Non-abelian monadic cohomology and low dimensional obstruction theory.

- R.Guitart: Involutive monads and topologies.
J. Isbell: Generic algebras.
P.T.Johnstone: Relative completeness for locally internal categories.
G.M.Kelly: Various limit-notions in 2-categories.
J.L.MacDonald: Natural factorizations and the Kan extensions of cohomology theories.
S.MacLane: A final coherence theorem for closed categories.
C.Mulvey: A syntactic construction of the spectrum of a commutative ring.
R.Paré: Abstract families and the general adjoint functor theorem.
D.Pumplün: Cogenerators.
B.A.Ratray: Localization and duality.
D.Schumacher: The special adjoint functor theorem for functors which can be extended to indexed functors.
L.N.Stout: Topological properties of the reals in a topos.
W.Tholen: Adjoint triangles, colimits and Kan-extensions.
F.Ulmer: On categories of cocontinuous functors; applications.
V.Zöberlein: Spectral sequences and bi-Grothendieck-filtrations.

