

## Vitae of Marius Junge

### Address:

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**Born:** September 10, 1962 in Hannover (Germany)

**Family status:** Married, two sons and one daughter

### Education:

1989	Diplom in math.	Christian-Albrechts Universität Kiel
1991	Dr. degree	Christian-Albrechts Universität Kiel
1996	Dr. 'habil'	Christian-Albrechts Universität Kiel

Thesis advisor: H. König

### Employment:

since 2007	Professor	University of Illinois at Urbana-Champaign
since 2003	Assoc. Professor	University of Illinois at Urbana-Champaign
1999-2003	Assist. Professor	University of Illinois at Urbana-Champaign
Aug. 1998- -Jan. 1999	Visiting lektor	University Odense
1997-1999	Oberassistent	Christian-Albrechts Universität Kiel
1992-1997	Assistent	Christian-Albrechts Universität Kiel

**Fellowship:** Stipends of the 'Studienstiftung des Deutschen Volkes' for studies 1985-1989  
for PhD-students 1990-1991

**Grants:** NSF grant DMS 0088928 2000-2002 (87K), NSF-grant DMS 030116, 2003-2005 (125 K). NSF-grant DMS (DMS 05-56120) 2006-2008 (162K). Program for operator spaces, operator algebras and noncommutative harmonic analysis as part of a cooperation program between Urbana-Champaign and the CNRS. NSF-grant DMS-0901457 (2009-2011) (3125K).

**Editorial:** Proceedings of the AMS (since 2007), Illinois Journal (since 2007).

**PhD Students:** (with D. Burkholder) Magdalena Musat (since fall 05 tenure track position at University of Memphis), Khye Loong (Anthony) Yew, Post-Doc Position at University of Toronto, Gosia Konwerska, Steve Avsec (current).

**Co-organized Conferences:** Geometric and Functional Analysis, satellite conference to the ICM Berlin, held in august 1998 in Kiel, GPOTS 2003 at Urbana-Champaign, Fields Institute Toronto 2009, Texas A& M Workshop 2009.

**Invitations:**

- 2/92 Hebrew University Jerusalem (2 weeks)
- 3/95 Professeur invitée, Marne La Valee (1 month)
- 01/01 Professeur invitée, IHP (1 month)
- 5-6/02 Professeur invitée, Besancon (2 months)
- 5/05 Professeur invitée, Paris (1 months)
- 5/06 Professeur invitée, IHP (1 months)
- 4/09 Directeur de recherche invitée Besancon (3month)

**Talks:**

- 08/09 *Approximation properties and  $C^*$ -algebras*, three talk lecture series (and organizer), Workshop, Texas A& M.
- 06/09 *Mixed norms and entropy*, Fields institute Toronto.
- 05/09 *A nice class of homogenous Hilbertian operator spaces*, CIRM, Luminy, France.
- 05/09 *Hodge Projections*, Besancon, France.
- 05/09 *Noncommutative Riesz transforms*, Toulouse, France.
- 07/08 *Spaces of normal linear functionals*, Timisoara Rumania
- 06/08 *Noncommutative Riesz transforms*, Annual Meeting in Harmonic analysis, El Escorial, Spain.
- 06/08 *Random matrices and Noncommutative Probability*, Sevilla Spain.
- 06/08 *Ultraproducts in Functional analysis*, Pisa, Italy.
- 05/08 *Probabilistic methods in quantized Banach spaces*, Memphis.
- 04/08 *Interaction between quantum information theory and operator spaces*, AMS special meeting, Bloomington.
- 12/07 *Embedding problems for subspaces of  $L_p$* , Workshop on Operator Spaces and Quantum Groups, Toronto.
- 12/07 *Noncommutative Riesz transforms*, Colloquium Wayne State, Detroit.
- 06/07 *Noncommutative Riesz transforms*, CIRM, Marseille.
- 06/07 *Algebraic structure of noncommutative gradients*, Joint meeting of the Italian-German Math. society.
- 06/07 *Probabilistic methods in the theory of operator spaces*
- 04/07 *Minimal sets for operator systems*, Berkely seminar.
- 04/07 *Noncommutative Riesz transforms*, Berkeley.
- 04/07 *Applications of Free Probability in the Theory of Operator Spaces*, Workshop on Interactions between Probability and Functional Analysis, Ottawa.

- 03/07 *Notions of noncommutative independence and martingales*, AMS Meeting Oxford Ohio.
- 01/07 *Operator spaces and Quantum information theory*, workshop on quantum information theory Banff
- 08/06 *Rosenthal's theorem for noncommutative  $L_p$  spaces*, Summer functional analysis conference (SUMIFRAS), Texas A& M, College Station.
- 07/06 *Notions of brownian motion in noncommutative probability*, Quantum probability and information (QPIC),
- 06/06 *Maximal ergodic theorem with applications to semigroups*, 7th-Operator Algebras International Conference, Timisoara, Rumania.
- 06/06 *A noncommutative version of Rosenthal's theorem on subspaces of  $L_p$* , Institut Henri Poincaré.
- 05/06 *Operator space concepts in noncommutative probability*, Conference in honor of E. Effros 70 birthday, UCLA, Los Angeles.
- 03/06 *Rosenthal theorem for noncommutative  $L_p$* , AMS Social Session, Miami Florida.
- 03/06 *Interpolation in the theory of operator spaces*, Invited speaker for the conference to the honor of M. Cwickel, Miami Florida.
- 01/06 *Notions of symmetry and independence in noncommutative probability*, AMS Meeting, San Antonio.
- 09/05 *Noncommutative maximal functions*, Mini-conference Wabash, Indianapolis.
- 08/05 *Operator spaces and Araki-Wood factors*, 6th Operator Algebras International Conference-OAMP, Bucharest.
- 06/05 *Some estimates for polynomials in the dual of the Araki-Woods factors*, 33rd Canadian Operator Symposium.
- 06/05 *Probabilistic methods in operator spaces*, lectures series in summer school, Ottawa.
- 06/05 *Maximal inequalities and square functions*, Workshop Operator algebras, Operator spaces and Noncommutative Probability, Besancon.
- 06/05 *Araki Woods factors and operator spaces*, Functional Analysis Seminar, Paris VI, France.
- 05/05 *Norm inequalities for  $q$ -gaussian random variables*, Operator algebra seminar, Paris VII, France.
- 05/05 *Araki Woods factors and operator spaces*, Caen, France.
- 04/05 *Operator Spaces and Araki-Woods Factors*, Purdue University.
- 03/05 *Noncommutative Maximal Functions*, UCLA, California.
- 03/05 *Araki Woods factors and operator spaces*, UCLA, California.

- 08/04 *Operator method for  $L_p$ -norm estimates in free probability*, Concentration week on free probability, Texas A& M.
- 06/04 *Concrete representations of  $OH$* , QP-conference, Bedlewo.
- 06/04 *Bundle convergence and a dominated convergence theorem*, III Workshop on Operator Algebras and Quantum Probability, Łódź.
- 05/04 *Operator spaces and type III von Neumann algebras?*, Main speaker GPOTS, Texas.
- 04/04 *Noncommutative Maximal inequalities*; Madison, Wisconsin.
- 04/04 *Embedding of the operator space  $OH$  and related results*, BMC 2004 (British Mathematical Colloquium), invited speaker for special section, Belfast, Ireland.
- 03/04 *Classical Summations methods in noncommutative  $L_p$  spaces*, AMS Special Session, Athens Ohio.
- 01/04 *Grothendieck's Program in der Theorie der Operatoralgebren und der Operatorenräume*, Oldenburg.
- 10/03 *The 'little Grothendieck theorem' for operator spaces*; Invited speaker in the conference on 'Banach spaces and Applications', Memphis October 2003.
- 07/03 *The logarithmic little Grothendieck inequality for operator spaces*, key note speaker in the ICAA Southafrica.
- 07/03 *Probabilistic techniques in operator spaces*, 6 lectures in the summer school on operator spaces and discrete groups.
- 07/03 *Embedding of  $OH$  in the predual of a hyperfinite  $III_1$  factor*, Workshop on operator space in CIRM, Marseille.
- 06/03 *Almost sure convergence for unconditionally converging series in non-tracial  $L_p$* , Workshop on free probability and noncommutative martingales, Greifswald, Germany.
- 06/03 *Maximal functions in noncommutative  $L_p$  spaces*, Analysis Seminar, Universidad Autonoma de Madrid.
- 06/03 Minicourse on *Operator spaces and free probability*, (4 lectures) University Complutense de Madrid.
- 10/02 *Application of operator space methods to conditional expectations and completely positive maps in  $L_p$  spaces*; AMS-meeting Boston.
- 08/02 *The central limit procedure for noncommuting random variables and applications*; Vancouver.
- 07/02 *Title: The logarithmic 'little Grothendieck inequality' for operator spaces*, Main Speaker Sumifras, College Station Texas.
- 07/02 *The Woronowicz/Pusz formula and its consequences for the operator space  $OH$* ; Workshop in operator space, College Station Texas.

- 05/02 *The notion of independence and free independence with application to the operator Hilbert space OH*; Kingston Canada.
- 02/02 *An introduction to noncommutative  $L_p$  spaces and A logarithmic version of the little Grothendieck inequality and  $C^*$ -algebras with WEP*, Workshop on Non-commutative Banach spaces.
- 12/01 *Martingale inequalities for noncommutative martingales*; CMS Winter Meeting, Toronto.
- 11/01 *Some aspects of vector-valued noncommutative  $L_p$  spaces*, AMS Regional Meeting at Irvine.
- 10/01 *Local structure of noncommutative  $L_p$  spaces*, Trends in Banach spaces and Operator Theory.
- 09/01 *Operator space structure of noncommutative  $L_p$  spaces*; Main speaker Workshop on Elementary Operators, I could not attend due to September 11.
- 06/01 *Maximalungleichungen in nichtkommutativen  $L_p$ -Räumen*; Analysis Seminar, Kiel.
- 06/01 *Lokale Struktur nichkommutativer  $L_p$ -Räumen*; Analysis Seminar Oldenburg.
- 06/01 *Structure locale des espace  $L_p$  noncommutatives*, Séminaire d'Analyse, Besonçon.
- 06/01 *Maximal inequalities in noncommutative  $L_p$  spaces*; miniconference on semigroups, Karlsruhe.
- 05/01 *Martingale inequalities and Local structure for non-commutative  $L_p$  spaces*; Séminaire d'Analyse Fonctionnelle (Paris).
- 05/01 *On the local structure of noncommutative  $L_p$  spaces*, informal analysis meeting, Kent.
- 01/01 *The local structure of noncommutative  $L_p$  spaces*, workshop on operator spaces and free probability at MSRI (Berkeley).
- 10/00 *Doob's inequality for noncommutative martingales*, mini-Wabash conference at Indianapolis.
- 06/00 *Doob's inequality for noncommutative martingales*, analysis seminar in Texas A&M (College Station).
- 01/00 *Burkholder/Rosenthal inequalities*, mini-conference in Marne la Valle (3 invited speakers).
- 03/00 *Doob's inequality for noncommutative martingales*, analysis seminar in Columbia (Missouri).
- 01/00 *'First attempts to to the 'little Grothendieck inequality'*, workshop in operator spaces and free probability MSRI.
- 11/99 *Symmetric subspaces of Non-commutative  $L_p$ -spaces*, Paris.

- 10/99 *Operator subspaces of non-commutative  $L_p$ -spaces*, Austin (AMS-meeting).
- 10/99 *Recent developments in the theory of noncommutative  $L_p$  spaces*, Wabash Seminar (invited speaker).
- 10/99 *Recent developments in the theory of noncommutative  $L_p$  spaces*, Wabash Seminar (invited speaker).
- 4/99 *Grothendieck's program for  $C^*$ -algebras and operator spaces*(1. Talk) and *Recent developments in the theory of non-commutative  $L_p$ -spaces* (2. Talk), North British Functionalanalysis Seminar.
- 3/99 *Non-commutative  $L_p$ -spaces*, Urbana-Champaign (AMS-meeting).
- 3/99 *The uniqueness of the Poisson process and applications*, UCLA.
- 3/99 *Poisson process with independent increments and applications*, Urbana-Champaign (workshop).
- 3/99 *On the non-commutative Rosenthal inequality*, UCLA.
- 2/99 *Non-commutative  $L_p$ -spaces over the free group factor*, Texas A&M.
- 2/99 *On the non-commutative Rosenthal inequality*, Texas A&M: On the non-commutative Rosenthal inequality.
- 2/ 99 *On the local theory of non-commutative  $L_p$ -spaces*, Austin Analysis seminar.
- 6/98 *Embedding of non-commutative symmetric spaces in  $L_p$* , Operator spaces and free probability, Marseille.
- 4/98 *Finite rank maps between  $C^*$ -algebras*, Canadian meeting on Operator Algebras, Canada.
- 8/97 *Fubini formula for non-commutative  $L_p$ -spaces and Embeddings of non-commutative  $L_p$  in non-commutative  $L_1$ ,  $1 < p < 2$* , Workshop on Operator spaces, College Station.
- 3/97 *Norms of non-commutative polynomials*, Analysis Seminar, Yerusalem.
- 3/97 *Mixed volumes and  $\ell_p$ -sums of convex bodies*, Analysis Seminar, Haifa.
- 4/96 *Volume formulas in  $L_p$ -spaces*, Banach spaces, Oberwolfach.
- 2/96 *Mixed volumes and the  $\ell_p$ -sum of convex bodies*, Workshop on Convex Geometry, MSRI.
- 11/95 *Sur les sectiones et projections de la boule unite de  $L_p$* , Groupe de travail d'analyse fonctionelle, Marne la Valee.
- 11/95 *Sur les normes de quelques polynomes non-commutatives*, Groupe de travail d'analyse fonctionelle, Marne la Valee.
- 9/94 *Tensor norms on  $\mathcal{B}(H) \otimes \mathcal{B}(H)$* , DMV-Tagung, Duisburg.
- 6/94 *Imbeddings of the operator Hilbert spaces  $OH$  into commutative and non-commutative  $\ell_p$ -spaces*, The Interaction between Functional Analysis, Harmonic Analysis and Probability, Columbia, Missouri.

- 9/94 *The hyperplane conjecture for convex bodies*, International Conference on Convexity, Marne la Valee.
- 3/94 *Les espaces  $\mathcal{L}_\infty$  non-commutative*, Séminaire d'analyse fonctionnelle, Paris VI.
- 10/93 *Kwapień's theorem for operator spaces*, Workshop on operator spaces, Texas A& M.
- 9/93 *Orlicz property in Banach spaces*, Conference on the local Theory of Banach Spaces, Ascona.
- 3/93 *The Hyperplane problem*, Seminar on Geometric and Functional Analysis, Tel-Aviv.
- 3/93 *Calculating the  $pq$ -summing norms with few vectors*, Haifa
- 11/92 *Absolute summing maps with few vectors*, Sixth Wangerooge Meeting on Functional Analysis, Wangerooge.
- 8/92 *Computing Rademacher and Gaussian cotype on  $C(K)$ -spaces*, International Congress on Functional Analysis, Mons.
- 12/91 *Les fonctionnes coordonnées sur les corps convexes symetriques*, Séminaire d'analyse fonctionnelle, Paris VI.
- 9/91 *Calculating  $pq$ -summing norms with few vectors*, Geometrie der Banach Räume, Oberwolfach.
- 9/90 *Absolut  $p$ -summierende Operatoren*, DMV-Tagung, Bremen.
- 9/90 *Geometric and analytic properties of operators*, GDR-Polish conference on Functional Analysis, Georgenthal.
- 6/89 *Grothendieck type inequality and weak Hilbert spaces*, Conference on the Geometry of Banach spaces, Strobl Austria.



## List of publications

Marius Junge, September 2006

1. M. Junge: *Charakterisierung der  $K$ -Konvexität durch Volumenquotienten*; Diplomarbeit 1989, Kiel
2. M. Defant and M. Junge: *On weak  $(r,2)$ -summing operators and weak Hilbert spaces*, *Studia Mathematica* 96 (1990), S. 203-217.
3. M. Defant and M. Junge: *Grothendieck inequalities and weak Hilbert spaces*, Proceedings of conference on the Geometry of Banach spaces, Strobl 1990, Cambridge Univ. Press.
4. F. Cobos, M. Defant, M. Junge and I. Resina: *On the weak envelopes of Weyl ideals and  $\gamma$ -summing operators*, prepublicationes UAM (Madrid), No. 1988/017.
5. M. Defant and M. Junge: *Random variables in weak type  $p$  spaces*, *Arch. Math* 58 (1992), 399-406.
6. M. Defant and M. Junge: *Type et Cotype des espaces  $L_r(X)$* , *C. R. Acad. Sci. Paris*, t. 312, Serie I, (1991), 837-840.
7. M. Defant and M. Junge: *Characterization of weak type by the entropy distribution of  $r$ -nuclear operators*, *Studia Mathematica* 107 (1993), 1-14.
8. M. Defant and M. Junge: *Some estimates on entropy numbers*, *Israel J. of Math.* 84 (1993), 417-433.
9. M. Defant and M. Junge: *The iterated weak Hilbert procedure*, *Proc. of the AMS* 117 (1993), 645-651.
10. M. Defant and M. Junge: *Unconditional orthonormal systems*, *Math Nachr.* 158 (1992), 233-240.
11. M. Defant and M. Junge: *On Absolutely Summing Operators with Application to the  $(p,q)$ -Summing Norm with Few Vectors*, *J. of Funct. Anal.* 103 (1992), 62-73.
12. M. Defant and M. Junge: *How many vectors are needed to calculate  $(p,q)$ -summing norms*; *Illinois Journal of Math.* 39 (1995), 661-675.
13. M. Junge: *Koordinatenfunktionen auf konvexen Körpern*, Dissertation, Kiel 1991.
14. M. Junge: *Comparing Gaussian and Rademacher cotype for operators on the space of continuous functions*, *Studia Math.* 118 (1996), 101-115.
15. M. Junge: *Volume estimates for log-concave densities with applications to iterated convolutions*, *Pacific J. of Math.* 169 (1995), 107-133.
16. M. Junge: *Hyperplane conjecture for quotient spaces of  $L_p$* ; *Forum Mathematicum* 6 (1994), 617-635.

17. M. Junge: *Subspaces of spaces with unconditional basis have good volume properties*; Operator Theory: Advances and Applications 77 (1995), 121-129.
18. M. Junge and S. Geiß: *Type and cotype with respect to arbitrary orthonormal systems*; J. of Approx. Theory. 82 (1995), 399-433.
19. M. Junge and G. Pisier: *Bilinear forms on exact operator spaces and  $\mathcal{B}(H) \otimes \mathcal{B}(H)$* , Geometric and Functional Analysis 5 (1995), 329-363.
20. M. Junge: *Factorization Theory for Spaces of Operators*; Habilitationsschrift Kiel 1996.
21. A. Defant and M. Junge: *On some matrix inequalities in Banach spaces*; Revista de la Real Academia de Ciencias Exactas Fysicas y Naturales 90 (1996), 133-140.
22. A. Defant and M. Junge: *Best Constants and Asymptotics of Marcinkiewicz-Zygmund Inequalities*; Studia Math. 125 (1997), 271-287.
23. Y. Gordon and M. Junge: *Volume formulas in  $L_p$ -spaces*; Positivity 1 (1997), 7-43.
24. Y. Gordon, M. Junge and N.J. Nielsen: *The relations between volume ratios and new concepts of GL constants*; Positivity 1 (1997), 359-379.
25. A. Defant and M. Junge: *A Vector-Valued Grothendieck Inequality with an Application to  $(p,q)$ -Completely Bounded Operators*; Indiana University Math. J. 48 (1991), 295-310.
26. M. Junge and C. le Merdy: *Factorization through matrix spaces for finite rank maps between  $C^*$ -algebras*, Duke Math. Journ. 100 (1999), 299-319.
27. Y. Gordon and M. Junge: *Volume Ratios in  $L_p$ -spaces*; Studia Math. 136 (1999), 147-182.
28. M. Junge: *Embeddings of non-commutative  $L_p$ -spaces non-commutative  $L_1$ -spaces,  $1 < p < 2$* ; GAFA 10 (2000), 389-406.
29. E. Effros, M. Junge and Z.-J. Ruan: *Integral Mappings and the Principle of Local Reflexivity for Non-commutative  $L^1$ -spaces*: Ann. of Math. 151 (2000), 59-92
30. M. Junge: *Doob's inequality for non-commutative martingales*; J. reine angew. Math 549 (2002), 149-190.
31. M. Junge and Q. Xu: *Maximal ergodic theorems in noncommutative  $L_p$ -spaces*; C. R. Math. Acad. Sci. Paris 334 (2002), no. 9, 773-778.
32. M. Junge and Q. Xu: *Burkholder/Rosenthal inequalities for non-commutative martingales*; Annals of Probability 31 (2003), no. 2, 948-995.

33. M. Junge, N. Ozawa and Z.J. Ruan:  $\mathcal{OL}_\infty$  spaces; *Mathematische Annalen* 325 (2003), no. 3, 449-483.
34. M. Junge and Z.J. Ruan: *Approximation Properties for Non-commutative  $L_p$ -Spaces Associated with Discrete Groups*, *Duke Math. J.*, 117 (2003), no. 2, 313-341.
35. M. Junge, C. Le Merdy, Q. Xu: *Functional calculus and square functions in noncommutative  $L^p$ -spaces* *C. R. Math. Acad. Sci. Paris* 337 (2003), no. 2, 93-98.
36. A. Defant and M. Junge: *Maximal theorems of Menchoff-Rademacher type in non-commutative  $L_q$  spaces*; *J. of Funct. Anal.* (2004), no. 2, 322-355.
37. M. Junge, Q. Xu, Z. J. Ruan, N.J. Nielsen: *The local structure of non-commutative  $L_p$  spaces I*; *Advances in Mathematics* 187 (2004), no. 2, 257–319.
38. M. Junge: *Fubini's theorem for ultraproducts of noncommutative  $L_p$  spaces*; *Canad. J. Math.* Vol 56 (5), 2004, p 983-1021.
39. M. Junge and D. Sherman: *Noncommutative  $L_p$  modules*, *Journal of Operator Theory* 53 (2005), 3-34.
40. M. Junge: *The optimal order of  $p$ -th moment of sums of independent random variables with respect to symmetric norms and related combinatorial estimates*; accepted in *Positivity*.
41. M. Junge, Q. Xu, Z. J. Ruan: *Rigid  $\mathcal{OL}_p$  Structure of Non-commutative  $L_p$  spaces*; *Math. Scand.* 96 (2005), no. 1, 63–95.
42. M. Junge and Z.-J. Ruan: *Decomposable Maps on Non-commutative  $L_p$  spaces*, *Contemporary Mathematics* Vol 365, 2004, p 355-381.
43. M. Junge, D. Sherman and Z.J. Ruan: *A classification for 2-isometries of noncommutative  $L_p$ -spaces*, accepted for publication in *Israel Journal*.
44. M. Junge, P.T.Kim, D. Kribs: *Universal collective rotation channels and quantum error correction*, *J. Math. Phys.* 46, (2005).
45. M. Junge and J. Parcet: *The norm of sums of independent random variables in  $L_p(\ell_1)$* , *Journal of Functional Analysis* 221 (2), 2005, 366–406.
46. M. Junge and Q. Xu: *On the best constants in some non-commutative martingale inequalities*, *Bull. London Math. Soc.* 37, 2005, no. 2, 243–253.
47. M. Junge: *Embedding of the operator space  $OH$  and the logarithmic 'little Grothendieck inequality*, *Invent. Math.* 161 (2005), no. 2, 225–286.

48. M. Junge: *Operator spaces and Araki-Woods factors– A quantum probabilistic approach*, IMRP Int. Math. Res. Pap. 2006, Art. ID 76978, 87pp.
49. M. Junge, D. Kutzeroova and T. Odell: *On asymptotically symmetric Banach spaces*, Studia Math. 173 (2006), no. 3, 203–231.
50. I. Devetak, M. Junge, C. King and M.B. Ruskai: *Multiplicativity of completely bounded  $p$ -norms implies a new additivity result*, Comm. Math. Phys. 266 (2006), no. 1, 37–63.
51. M. Junge, C. Le Merdy and Q. Xu:  *$H^\infty$  Functional Calculus and Square Functions on Noncommutative  $L^p$  spaces*, Astérisque 305, 2006.
52. M. Junge and T. Oikberg: *Unconditional basic sequences and homogeneous Hilbertian subspaces of non-commutative  $L_p$  spaces*, Indiana Univ. Math. J. 56 (2007), no. 2, 733–765.
53. M. Junge and M. Musat: *A noncommutative version of the John-Nirenberg theorem*, Trans. Amer. Math. Soc. 359 (2007), no. 1, 115–142.
54. M. Junge and Q. Xu: *Noncommutative Maximal Ergodic Theorem*, J. Amer. Math. Soc. 20 (2007), no. 2, 385–439.
55. M. Junge and T. Oikberg: *Unconditional basic sequences and homogeneous Hilbertian subspaces of non-commutative  $L_p$  spaces*, Indiana Univ. Math. J. 56 (2007), no. 2, 733–765.
56. M. Junge, J. Parcet and Q. Xu: *Rosenthal type inequalities for free chaos*, Ann. Probab. 35 (2007), no. 4, 1374–1437.
57. A. Defant and M. Junge: *Menchoff-Rademacher type theorems in vector-valued Banach function spaces*. Bull. Belg. Math. Soc. Simon Stevin 14 (2007), no. 3, 473–482.
58. M. Junge and C. Le Merdy: *Dilations and rigid factorisations on non-commutative  $L_p$  spaces*, J. Funct. Anal. 249 (2007), no. 1, 220–252.
59. M. Junge and J. Parcet: *Rosenthal’s theorem for subspaces of noncommutative  $L_p$* , Duke Math. J. 141 (2008), no. 1, 75–122.
60. M. Junge and J. Parcet: *Operator space  $L_p$  embedding theory*, accepted in GAFA.
61. M. Junge and H. Lee: *A Maurey type result for operator spaces*, J. Funct. Anal. 254 (2008), no. 5, 1373–1409.
62. M. Junge, D. Perez-Garcia, M. Wolf and C. Palazuelos and I. Villanueva): *Unbounded violation of tripartite Bell inequalities*, Comm. Math. Phys. 279 (2008), no. 2, 455–486.

63. M. Junge and J. Parcet: *Mixed-norm inequalities and operator space  $L_p$  embedding theory*, accepted in MAMS.
64. M. Junge, M. Neufang and Z. J. Ruan: *A representation theory for locally compact groups*, accepted for publication in International Journal of Mathematics.
65. M. Junge and H. H. Lee:  *$q$ -Chaos*, accepted for publication in Transactions of the AMS.
66. M. Junge and J. Parcet: *Maurey's factorization theory for operator spaces*, accepted for publication in Math. Annalen.
67. M. Junge and Q. Xu: *Representation of certain homogeneous Hilbertian operator spaces and applications*, accepted for publication in Inventiones Mathematicae.