

## PUBLICATION LIST – Dmitry KALEDIN

- D. Kaledin, *Motivic structures in Non-Commutative Geometry*, Proc. ICM2010, Hyderabad, India, 2010.
- D. Kaledin, *Geometry and topology of symplectic resolutions in Algebraic geometry – Seattle 2005*, Proc. Symp. Pure Math. **80** AMS, Providence, RI, 2009; 595–628.
- D. Kaledin, *Non-commutative Hodge-to-de Rham degeneration via the method of Deligne-Illusie*, Pure Appl. Math. Q. **4** (2008), 785–875.
- D. Kaledin, *Beilinson conjectures in the non-commutative setting*, in *Higher-dimensional geometry over finite fields*, NATO Sci. Peace Secur. Ser. D Inf. Commun. Secur., **16**, IOS, Amsterdam, 2008; 78–91.
- D. Kaledin, *Derived equivalences by quantization*, Geom. Funct. Anal. **17** (2008), 1968–2004.
- R. Bezrukavnikov and D. Kaledin, *Fedosov quantization in positive characteristic*, J. Amer. Math. Soc. **21** (2008), 409–438.
- D. Kaledin, *Hochschild homology and Gabber’s Theorem*, in *Moscow Seminar on Mathematical Physics, II*, 147–156, Amer. Math. Soc. Transl. Ser. 2, **221**, Amer. Math. Soc., Providence, RI, 2007.
- D. Kaledin, *Some remarks on formality in families*, Mosc. Math. J. **7** (2007), 643–652.
- D. Kaledin and M. Lehn, *Local structure of hyperkaehler singularities in O’Grady’s examples*, Mosc. Math. J. **7** (2007), 653–672.
- D. Kaledin, *On the coordinate ring of a projective Poisson scheme*, Math. Res. Lett. **13** (2006), 99–107.
- D. Kaledin, *Symplectic singularities from the Poisson point of view*, J. Reine Angew. Math. **600** (2006), 135–156.
- D. Kaledin, M. Lehn and Ch. Sorger, *Singular symplectic moduli spaces*, Invent. Math. **164** (2006), 591–614.
- D. Kaledin, *Non-commutative Cartier operator and Hodge-to-de Rham degeneration*, preprint math.AG/0511665.
- R. Bezrukavnikov and D. Kaledin, *McKay equivalence for symplectic quotient singularities*, Proc. of the Steklov Inst. of Math., **246** (2004), 13–33.
- R. Bezrukavnikov and D. Kaledin, *Fedosov quantization in algebraic context*, Moscow Math. Journ. **4** (2004), 557–592.
- V. Ginzburg and D. Kaledin, *Poisson deformations of symplectic quotient singularities*, Adv. in Math. **186** (2004), 1–57.
- D. Kaledin, *Dynkin diagrams and crepant resolutions of quotient singularities*, Selecta Math., New ser. **9** (2003), 529–555.
- D. Kaledin and M. Verbitsky, *Period map for non-compact holomorphically symplectic manifolds*, GAFA **12** (2002), 1265–1295.
- D. Kaledin, *McKay correspondence for symplectic quotient singularities*, Invent. Math. **148** (2002), 151–175.
- D. Kaledin, *Symplectic resolutions: deformations and birational maps*, preprint math.AG/0012008, v.2, 2001.
- D. Kaledin, *A canonical hyperkaehler metric on the total space of a cotangent bundle*, preprint math.AG/0011256, 2000; in *Proceedings of the Second Quaternionic Meeting, Rome, 1999*, World Scientific, Singapore, 2001.
- D. Kaledin and M. Verbitsky, *Trianalytic subvarieties of generalized Kummer varieties*, Int. Math. Res. Not. 1998, No. 9, 439–461.
- D. Kaledin, *Hyperkähler structures on total spaces of holomorphic cotangent bundles*, in D. Kaledin, M. Verbitsky, *New constructions of hyperkahler manifolds*, Intl. Press, Cambridge, MA, 2000. Also available as preprint alg-geom 9710026, 1997.
- D. Kaledin, *Integrability of the twistor space for a hypercomplex manifold*, Selecta Math. New Series, **4** (1998), 271–278.
- D. Kaledin and M. Verbitsky, *Non-Hermitian Yang-Mills connections*, Selecta Math. New Series, **4** (1998), 279–320.