

## **PUBLICATIONS by Ilaria Fragalà**

[in inverse chronological order]

- [76] Multiphase free discontinuity problems: monotonicity formula and regularity results, with D. Bucur and A. Giacomini, preprint.
- [75] Bernoulli free boundary problem for the infinity Laplacian, with G. Crasta, accepted for publication on *SIAM J. Math. Anal.*
- [74] Local minimality for the Mumford-Shah functional via monotonicity, with D. Bucur and A. Giacomini, accepted for publication on *Analysis and PDEs*.
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- [72] The Brunn-Minkowski inequality for the principal eigenvalue of fully nonlinear homogeneous elliptic operators, with G. Crasta, *Adv. Math.* 359 (2020), 106855-106879.
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- [70] The multiphase Mumford-Shah problem, with D. Bucur and A. Giacomini, *SIAM J. Imaging Sci.* 12 (2019), 1561-1583.
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