

From Nash to Onsager, II

Laszlo Szekelyhidi Jr.
University of Leipzig, Germany

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In this series of lectures we will:

- discuss the background from Kolmogorov's K41 theory and Onsager's conjecture,
- give a complete proof of the construction of continuous weak solutions of Euler, drawing the parallels with the Nash construction of C^1 isometric embeddings,
- discuss how to modify the approach to achieve $C^{0,\alpha}$ solutions with (a) $\alpha < 1/10$ and (b) $\alpha < 1/5$.

The course can be followed independently of C. De Lellis's lectures.