

# Costin VÎLCU

## Curriculum Vitae -- June 2018

### Contact:

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### Education:

PhD in Mathematics, TU Dortmund, 2003;

DEA de Géométrie Algorithmique, Université Paris VI, 2004;

MS in Geometry, University of Bucharest, 1996;

Licență în Matematică, University of Bucharest, 1995.

### Work experience:

since 2016 C.S. (Senior Researcher) II at IMAR;

2008-2016 C.S. III at IMAR;

1999-2008 C.S. at IMAR;

1996-1999 PhD fellowship at University of Bucharest.

**Prize** *Gheorghe Țițeica* of the Romanian Academy, 2008 (awarded in 2010).

### Research interests:

Geometry of Alexandrov surfaces with curvature bounded below, in particular intrinsic geometry of convex surfaces, including convex polyhedra.

### Conference talks:

- *Workshop for Young Researchers in Mathematics* (8th edition), Bucharest, May 2018.
- *International Symposium on Discrete and Convex Geometry*, Shijiazhuang (China), December 2017.
- *13th International Conference on Discrete Mathematics: Discrete Geometry and Convex Bodies*, Bucharest, September 2017.
- *Discrete Geometry and Convexity BÁRÁNY 70*, Budapest, June 2017.
- *Discrete Geometry Fest*, Budapest, May 2017.
- *Prima Conferință a Matematicienilor Mirciști*, Constanța, May 2016.
- *8th Congress of Romanian Mathematicians*, Iași, June-July 2015.
- *5th Workshop for Young Researchers in Mathematics*, Constanța, May 2015.
- *4th Workshop for Young Researchers in Mathematics*, Constanța, May 2014.
- *12th International Conference on Discrete Mathematics: Discrete Geometry and Alexandrov surfaces*, Bucharest, September 2013.
- *Anniversary Conference Faculty of Sciences - 150 years*, Bucharest, August-September 2013.

- *Experimental and Theoretical Methods in Algebra, Geometry and Topology*, Eforie Nord, June 2013.
- *Colloque de géométries*, Mulhouse, September 2012.
- *The 10th International Workshop on Differential Geometry and its Applications*, Constanța, August 2011.
- *7th Congress of Romanian Mathematicians*, Brașov, June-July 2011.
- *11th International Conference on Discrete Mathematics: Convexity and Discrete Geometry*, Dortmund, July 2009.
- *10th International Conference on Convexity and Discrete Mathematics*, Dortmund, August 2007.
- *6th Congress of Romanian Mathematicians*, Bucharest, June 2007.
- *Mathematical Society of Japan, 2005 Autumn Meeting*, Okayama, September 2005.
- *The 52nd Geometry Symposium of the Mathematical Society of Japan*, Fukuoka, August 2005.
- *9th International Conference on Discrete Mathematics and Embedded Structures*, Dortmund, August 2004.
- *Convexity and Discrete Mathematics*, Budapest, June 2004.
- *8th International Conference on Discrete Mathematics*, Dortmund, June 2000.
- *7th International Conference on Convexity and Discrete Mathematics*, Dortmund, June 1996.
- *1st Balkan Conference on Geometry*, Bucharest, September 1996.

**Talks at workshops, seminars, etc.:** Mulhouse (2014), Alicante (2011), Naha (2005), Nagoya (2005), Okayama (2005), Hokkaido Univ. (2005), Nara (2005), Kumamoto (2004, 2005, 2006), Timișoara (2004), Dortmund (2002), Bucharest (1997, 2011).

**Other scientific activities:**

co-organizer of the *Bucharest Graph Theory Workshop*, Bucharest, August 2018;  
 co-organizer of *The 13th International Conference on Discrete Mathematics: Discrete Geometry and Convex Bodies*, Bucharest, September 2017;  
 co-organizer of the *Geometry Conference in honour of Tudor Zamfirescu's 70th birthday*, Mulhouse, September 2014;  
 local organizer of the *12th International Conference on Discrete Mathematics: Discrete Geometry and Alexandrov surfaces*, Bucharest, September 2013;  
 local organizer of the summer school *Convex geometry*, Bucharest, July 1997.

**Teaching:** Course: Introduction to topology, at *Școala Normală Superioară București* (2013); several seminar classes at University of Bucharest (1996-1998) and „*Ovidius*” University Constanța (1995-1996).

**Languages:** Romanian (native); English, French: fluent; German, Japanese: elementary notions.