

# Contact And Symplectic Topology Bolyai Society Mathematical Studies

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### Contact And Symplectic Topology Bolyai

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Contact And Symplectic Topology Bolyai Society Mathematical Studies PAGE #1 : Contact And Symplectic Topology Bolyai Society Mathematical Studies By Alistair MacLean - contact and symplectic topology bolyai society mathematical studies band 26 frederic bourgeois vincent colin andras stipsicz isbn 9783319020358 kostenloser versand fur alle

#### LIST OF PUBLICATIONS, WITH ABSTRACTS

A topological introduction to knot contact homology, in Contact and Symplectic Topology, Bolyai Soc Math Stud 26 (Springer, Berlin, 2014) Abstract: This is a survey of knot contact homology, with an emphasis on topological, algebraic, and combinatorial aspects Satellites of Legendrian knots and representations of the Chekanov-Eliashberg

#### Università Tor Vergata, Rome, Italy (Ed) F. Bourgeois ...

Contact and Symplectic Topology Symplectic and contact geometry naturally emerged from the mathematical description of classical physics The discovery of new rigid-ity phenomena and properties satisfied by these geometric structures launched a new research field ...

#### Lenhard L. Ng Curriculum vitae

A topological introduction to knot contact homology In Contact and Symplectic Topology, Bolyai Soc Math Stud 26 (Springer, Berlin, 2014), 485-530 13 Satellites of Legendrian knots and representations of the Chekanov-Eliashberg algebra Joint with Dan Rutherford Algebraic & Geometric Topology 13 (2013), no 5, 3047-3097 14 Knot

**Author Index [springer.com/NEWSonline](http://springer.com/NEWSonline)**

49 Bourgeois (Eds), Contact and Symplectic Topology (Bolyai Society Mathematical Studies 26) 49 Brandt, Data Analysis 4th ed 26 Budka et al, Communication Networks for Smart Grids (Computer Communications and Networks) 2 Bush, Clinician's Manual on Cystic Fibrosis C 70 Cai et al, Optimal Stochastic Scheduling

**An infinite family of tight, not semi-fillable contact three ...**

A contact three-manifold  $(Y, \xi)$  is symplectically fillable, or simply fillable, if there exists a compact symplectic four-manifold  $(W, \omega)$  such that (i)  $\partial W = Y$  as oriented manifolds (here  $W$  is oriented by  $\omega \wedge \omega$ ) and (ii)  $\omega|_{\xi} = 0$  at every point of  $Y$   $(Y, \xi)$  is symplectically semi-fillable if there exists a fillable contact

**New Trends in Intuitive Geometry**

13 Surgery on Contact 3-Manifolds and Stein Surfaces B Ozbagci, A I Stipsicz 14 A Panorama of Hungarian Mathematics in the Twentieth Century, Vol 1 Contact and Symplectic Topology F Bourgeois, V Colin, A Stipsicz (Eds) BOLYAI SOCIETY MATHEMATICAL STUDIES bezdek@mathucalgaryca Gergely Ambrus

**A Bolyai János Matematikai Társulat és a Springer Verlag ...**

A Bolyai János Matematikai Társulat és a Springer Verlag GmbH közös kiadású kötetei Surgery on Contact 3-Manifolds and Stein Surfaces Szerkesztette: B Ozbagci and A I Stipsicz Contact and Symplectic Topology Megjelent: 2015 június Szerkesztette: F Bourgeois, V Colin, A Stipsicz

**Ciprian Manolescu: Curriculum Vitae**

Gökova Geometry/Topology Conference, Gökova, Turkey, May 2012 Simons Symposium on Knot Homologies and BPS States, Caneel Bay, US Virgin Islands, April 2012 Conference on Contact and Symplectic Geometry, University of Nantes, June 2011 Workshop on Interactions between contact symplectic topology and gauge theory in dimensions 3 and

**Curriculum Vitae | Tamás Kálmán**

Geometric topology, contact and symplectic geometry, the Floer theory of holo-morphic curves (MSC 53, 57, 58) Knot theory (classical and Legendrian) Graph, hypergraph, and polymatroid theory (MSC 05, 52) Professional Experience 2018-2019 Visiting Associate Professor, Massachusetts Institute of Technology, Department of Mathematics

**Surgery on contact 3-manifolds and Stein surfaces**

Surgery on contact 3-manifolds and Stein surfaces, by Burak Ozbagci and András I Stipsicz, Springer-Verlag, Berlin; János Bolyai Mathematical Society, Budapest, 2004, 281 pp, US\$8995, ISBN 3-540-22944-2; ISBN 963-9453-03-X The venerable subject of contact geometry has gone through a

...

**Vera V ertesi - Mathematics**

July, 2010 7th Bolyai-Lobachevsky-Gauss conference Cluj-Napoca, Romania May, 2010 Knots, Contact Geometry and Floer Homology Symplectic and Contact Geometry and Topology, MSRI 2009 Reading seminar on bordered Floer Homology organizer and speaker most of the time

**Vera V ertesi - unistra.fr**

Symplectic and Contact Geometry and Topology, MSRI, Berkley, CA, USA 2008 Mini course on Heegaard Floer homology Cape Town University, South Africa Undergraduate 2012 Lecturer, Introduction to Topology, MIT 2011-2012 Teaching Assistant, Multivariable Calculus with Theory, MIT 2010 Course Administrator, Linear Algebra, MIT

**HABILITATION THESIS**

Babeş-Bolyai University, Cluj-Napoca Faculty of Mathematics and Computer Science Theory, Methods and Applications (2010) Topology and its Applications (2010), Proceedings of the American Mathematical Society (2004,2009), Topological Methods in explicit upper estimates for such tangency sets are also given in the contact and symplectic

**Prof. Burak Özbağcı Curriculum Vitae**

Symplectic and contact geometry and topology Publications Book: Surgery on contact 3-manifolds and Stein surfaces, (with A I Stipsicz) Bolyai Society Mathematical Studies, Vol 13, Springer 2004 Articles: (32) Canonical contact unit cotangent bundle, (with T Oba), submitted

**Prof. Dan M. Ciubotaru**

Babeş-Bolyai University, Cluj-Napoca, Romania BS and MA, Department of Mathematics and Computer Science, July 1998 Advisor: Prof Andrei Marcu's Research Engineering and Physical Sciences Research Council, UK Grants EPSRC EP/N033922/1 09/2016-08/2020, Standard Grant, Dirac operators in representation the-

**The Princeton Companion to Mathematics - TOC**

III88 Symplectic Manifolds 297 III89 Tensor Products 301 III90 Topological Spaces 301 IV6 Algebraic Topology 383 IV7 Differential Topology 396 IV8 Moduli Spaces 408 VI34 János Bolyai (1802-1860) 762 VI35 Carl Gustav Jacob Jacobi (1804-1851) 762

**Curriculum vitae András I. Stipsicz**

Low dimensional topology, gauge theory, Seiberg-Witten and Donaldson theory, Heegaard Floer theory, symplectic and contact topology, Lefschetz fibrations, Stein domains, surface singularities, open book decomposition Fellowships, awards Corresponding Member, Hungarian Academy of Sciences, 2016

**Centennial Conference**

Dynamics, Topology and Spectral Geometry • 1000 - 1045: Mauro Fabrizio (Università di Bologna, Italy) A mathematical model for ice-water and liquid-vapor phase transitions 1045 - 1115 Coffee break • 1115 - 1200 Eleny Ionel (Stanford University, USA) Symplectic degenerations and ...

**Liviu Ornea - CNATDCU**

5th Pacific rim conference on complex and symplectic geometry (Nagoya, July 2010) Non-Kähler complex geometry (Luminy, February 2011) Geometry of Kähler manifolds, 21-25 May 2012, Laboratoire de Mathématiques Jean Leray, Nantes Varia Prize "Gheorghe Titeica" of the Romanian Academy in 1998 for the book Locally