List of conferences - Josef Kiendl

As presenting author (†† plenary lecture, † semi-plenary lecture, ‡ keynote lecture, * invited)

41. **J. Kiendl***, D. Zhang; *A Wrinkling Model Based on the Spectral Decomposition of the Stress Tensor and the Mixed Wrinkling Criterion*; IGA 2025: 13th International Conference on Isogeometric Analysis; Eindhoven, The Netherlands, September 2025

40. **J. Kiendl***, D. Zhang; *A variationally consistent membrane wrinkling model based on spectral decomposition of the strain tensor*; GAMM 2025: 95th Annual Meeting of the International Association of Applied Mathematics and Mechanics; Poznan, Poland, April 2025

39. **J. Kiendl***, D. Zhang; *A variationally consistent model for membrane wrinkling*; ACM 2023: Advances in computational mechanics; Austin TX, USA, October 2023

38. **J. Kiendl***, D. Proserpio, M. Ambati, L. De Lorenzis; *Isogeometric phase-field description of fracture in complex shell structures*; COMPLAS 2023: XVII International Conference on Computational Plasticity; Barcelona, Spain, September 2023

37. **J. Kiendl**‡; *Experimental investigation and numerical modelling of the relation between mesostructure layout and macroscopic mechanical and thermal properties of FFF-printed materials*; Sim-AM 2023: IV International Conference on Simulation for Additive Manufacturing; Munich, Germany, July 2023

36. **J. Kiendl***, D. Proserpio, M. Ambati, L. De Lorenzis; *Phase-field description of fracture in complex shell structures*; IGA 2023: 11th International Conference on Isogeometric Analysis, Lyon, France, June 2023

35. **J. Kiendl**‡, C. Gao; *Impact of the mesostructural layout on strength and toughness of FFF-printed materials*; ESMC 2022: 11th European Solid Mechanics Conference, Galway, Ireland, July 2022

34. **J. Kiendl**†; *Isogeometric Methods in Structural Analysis: Recent Advances and Applications*; 8th ECCOMAS Congres, Oslo, Norway, June 2022

33. **J. Kiendl**†; *Isogeometric Methods in Structural Analysis*; ICCM2021: The 12th International Conference on Computational Methods, Virtual Conference, July 2021

32. **J. Kiendl**††; *Isogeometric Methods in Structural Analysis*; IGA 2019: International Conference on Isogeometric Analysis, Munich, Germany, September 2019

31. **J. Kiendl***, C. Gao; *Impact of the mesostructural layout on strength and toughness of FDM-printed materials*; ESIAM19: First European Conference on Structural Integrity of Additively Manufactured Materials, Trondheim, Norway, September 2019

30. **J. Kiendl***, C. Gao; *Impact of the mesostructural layout on strength and toughness of FDM-printed materials*; ICoNSoM 2019: International Conference on Nonlinear Solid Mechanics, Rome, Italy, June 2019

29. **J. Kiendl***, A. Herrema, E. Johnson, D. Proserpio, M. Wu, M.-C. Hsu; *A new penalty formulation for patch coupling in Kirchhoff-Love shell analysis*; HOFEIM2019: High-Order Finite Element and Isogeometric Methods Workshop, Pavia, Italy, May 2019

28. **J. Kiendl***, D. Proserpio, M. Ambati, L. De Lorenzis; *Isogeometric Phase-Field Description of Brittle Fracture in Plates and Shells*; WCCMXIII: 13th World Congress in Computational Mechanics, New York, USA, July 2018

27. **J. Kiendl***, E. Marino, L. de Lorenzis; *Isogeometric collocation for the Reissner-Mindlin shell problem*; ECCM 6: 6th European Conference on Computational Mechanics, Glasgow, Scotland, June 2018

26. **J. Kiendl**‡; *Isogeometric Methods in Structural Mechanics*; IGAA2018: 3rd Conference on Isogeometric Analysis and Applications, Delft, Netherlands, April 2018

25. **J. Kiendl**, D. Proserpio, M. Ambati, L. de Lorenzis; *Phase-field description of brittle fracture in plates and shells*; 89th Annual Meeting of GAMM 2018, Munich, Germany, March 2018

24. **J. Kiendl***, E. Marino, L. de Lorenzis; *Isogeometric collocation for the Reissner-Mindlin shell problem*; IGA 2017: International Conference on Isogeometric Analysis, Pavia, Italy, September 2017

23. **J. Kiendl***, M. Ambati, L. de Lorenzis, H. Gomez, A. Reali; *Isogeometric phase-field modeling of fracture in thin plates and shells*; USACM Thematic Conference on Isogeometric Analysis and Meshfree Methods, La Jolla, USA, October 2016

22. **J. Kiendl**, M. Ambati, L. de Lorenzis, A. Reali, H. Gomez; *Isogeometric phase-field modeling of brittle fracture in thin shells*; Joint Annual Meeting of DMV and GAMM 2016, Braunschweig, Germany, March 2016

21. **J. Kiendl***, M. Ambati, L. de Lorenzis; *Isogeometric phase-field modeling of brittle fracture in shell structures*; 3rd GAMM Workshop on Phase Field Modeling, Braunschweig, Germany, February 2016

20. **J. Kiendl**‡, L. Heltai, A. Reali, A. DeSimone; *A natural framework for isogeometric fluid-structure-interaction: coupling BEM and Shell models*; USNCCM13: 13th US Congress on Computational Mechanics, San Diego, USA, July 2015

19. **J. Kiendl**‡, M.-C. Hsu, A. Reali; *Isogeometric Thin Shell Analysis with Hyperelastic Materials and Application to Aortic Heart Valve Simulations*; ESMC 2015: 9th European Solid Mechanics Conference, Madrid, Spain, July 2015

18. **J. Kiendl***, M.-C. Hsu, A. Reali; *Isogeometric Kirchhoff-Love shell formulations for general hyperelastic materials*; IGA 2015: 3rd International Conference on Isogeometric Analysis, Trondheim, Norway, June 2015

17. **J. Kiendl**‡, F. Auricchio, T. Hughes, A. Reali; *Isogeometric one-parameter formulations for shear deformable structures*; WCCM XI: 11th World Congress on Computational Mechanics, Barcelona, Spain, July 2014

16. **J. Kiendl***, F. Auricchio, T. Hughes, A. Reali; *One-parameter formulations for shear deformable structures*; HOFEIM 2014: Higher Order Finite Element and Isogeometric Methods, Frauenchiemsee, Germany, July 2014

15. **J. Kiendl**, F. Auricchio, A. Reali; *Single-variable formulations for shear-deformable structures*; 12th Workshop on theoretical and practical structural engineering, Munich, February 2014

14. **J. Kiendl***, F. Auricchio, T. Hughes, A. Reali; *A one-parameter isogeometric formulation for Timoshenko beams*; IGA 2014: Isogeometric Analysis: Integrating Design and Analysis, Austin, USA, January 2014

13. **J. Kiendl***, R. Wüchner, K.-U. Bletzinger, Y. Bazilevs; *Isogeometric shell analysis: applications in structural analysis, shape optimization, CAD-integration, and FSI*; AIMETA 2013: XXI Congress of the Italian Association of Theoretical and Applied Mechanics, Turin, Italy, September 2013

12. **J. Kiendl**, F. Auricchio, L. Beirão da Veiga, C. Lovadina, A. Reali; *Innovative isogeometric formulations for shear deformable beams and plates*; YIC 2013: ECCOMAS Young Investigators Conference, Bordeaux, France, September 2013

11. **J. Kiendl***, F. Auricchio, L. Beirão da Veiga, C. Lovadina, A. Reali; *Isogeometric collocation methods for thin structures*; SEECCM 2013: South-East European Conference on Computational Mechanics, Kos, Greece, June 2013

10. **J. Kiendl**, F. Auricchio, L. Beirão da Veiga, C. Lovadina, A. Reali; *Isogeometric collocation methods for thin structures*; GAMM 2013: 84th Annual Meeting of the International Association of Applied Mathematics and Mechanics, Novi Sad, Serbia, March 2013

9. **J. Kiendl***, F. Auricchio, L. Beirão da Veiga, C. Lovadina, A. Reali; *Isogeometric collocation methods for thin structures: spatial Timoshenko beams and Reissner-Mindlin plates*; ACM 2013: Advances in Computational Mechanics, San Diego, USA, February 2013

8. **J. Kiendl***, F. Auricchio, L. Beirão da Veiga, C. Lovadina, A. Reali; *Isogeometric collocation methods for spatial Timoshenko beams*; ECCOMAS 2012: 6th European Congress on Computational Methods in Applied Sciences and Engineering, Vienna, Austria, September 2012

7. **J. Kiendl**, R. Wüchner, K.-U. Bletzinger, Y. Bazilevs; *Isogeometric Kirchhoff-Love shell: applications in structural analysis, shape optimization, CAD-integration, FSI*; WCCM 2012: 10th World Congress on Computational Mechanics, São Paulo, Brasil, July 2012

6. **J. Kiendl**, R. Wüchner, K.-U. Bletzinger, A. Reali; *Isogeometric Shell Analysis and Shape Optimization*; YIC 2012: ECCOMAS Young Investigators Conference, Aveiro, Portugal, April 2012

5. **J. Kiendl***, K.-U. Bletzinger, R. Wüchner; *Isogeometric shape optimization of thin-walled structures*; Isogeometric Analysis 2011: Integrating Design and Analysis, Austin, USA, January 2011

4. **J. Kiendl***, K.-U. Bletzinger, R. Wüchner; *Isogeometric shape optimization of thin-walled structures*; WCCM 2010: 9th World Congress on Computational Mechanics and 4th Asian Pacific Congress on Computational Mechanics, Sydney, Australia, July 2010

3. **J. Kiendl***, K.-U. Bletzinger, R. Wüchner; *Isogeometric shape optimization of surface coupled structures*; ECCM 2010: 4th European Conference on Computational Mechanics, Paris, France, May 2010

2. **J. Kiendl**, K.-U. Bletzinger, R. Wüchner; *Isogeometric Shell Analysis with Kirchhoff-Love Elements*; Forschungskolloquium Baustatik-Baupraxis 2009, Falkenstein Harz, Germany, September 2009

1. **J. Kiendl***, K.-U. Bletzinger, R. Wüchner; *Isogeometric Kirchhoff-Love Shell Elements for Analysis and Shape Optimization of Thin-Walled Structures*; USNCCM 2009: 10th US National Congress on Computational Mechanics, Columbus, USA, July 2009

As coauthor

83. T. Schiereck, T. Weithoff, **J. Kiendl**, F.-C. v. Rundstedt; *Mechanical engineering for the perfect neobladder model: Using applied sciences and numerical simulation studies for the ideal orthotopic bladder substitute in robot-assisted radical cystectomy*; 40. Jahreskongress der Europäischen Gesellschaft für Urologie (EAU25), Madrid, Spain, March 2025

82. L. Greco, **J. Kiendl**, E. Maggiorelli, M. Negri, A. Patton, A. Reali; *Benefits of high-order phase-field models in fracture mechanics*; Joint GNCS-SIAM Chapters Meeting for Young Researchers in Numerical Analysis and Applied Mathematics, Pavia, Italy, February 2025

81. D. Zhang, **J. Kiendl**; *A variatopnally consistent membrane wrinkling model based on spectral decomposition*; 2th International Conference on IsoGeometric Analysis 2024, St. Augustine, USA, October 2024

80. V. Karmakar, G. Michaloudis, **J. Kiendl**; *Using eccentrically arranged embedded beams for numerical analysis of plate girder bridges*; 12th International Conference on IsoGeometric Analysis 2024, St. Augustine, USA, October 2024

79. M. Loibl, B. Marussig, G. Teixeira, **J. Kiendl**; *Comparative Study of Quadrature Procedures for Trimmed Structures*; 12th International Conference on IsoGeometric Analysis 2024, St. Augustine, USA, October 2024

78. G. Ferri, **J. Kiendl**, A. Reali, E. Marino; *A fully explicit formulation for the dynamics of geometrically exact beams*; 9th European Congress on Computational Methods in Applied Sciences and Engineering, ECCOMAS Congress 2024, Lisbon, Portugal, June 2024

77. D. Zhang, **J. Kiendl**; *A variationally consistent membrane wrinkling model based on tension-compression decomposition of the strain tensor*; 9th European Congress on Computational Methods in Applied Sciences and Engineering, ECCOMAS Congress 2024, Lisbon, Portugal, June 2024

76. A. Patton, **J. Kiendl**; *An isogeometric ANS method to alleviate locking in solid beams*; Advances in Computational Mechanics 2023 (ACM 2023), Austin (TX), USA, October 2023

75. T.X. Duong, **J. Kiendl**, L. Leonetti; *A variationally consistent contact formulation based on mixed interpolation method and isogeometric discretization*; XVII International Conference on Computational Plasticity, COMPLAS 2023, Barcelona, Spain, September 2023

74. F. Zimmert, L. Lapidus, **J. Kiendl**, T. Braml; *Isogeometric Analysis of bridge structures: State of the art and potential advantages*; 13th - Japanese-German Bridge Symposium, Osaka, Japan, January 2023

73. M. Lukhi, C. Mittermeier, **J. Kiendl**; *Numerical and Experimental Investigation of Residual Stresses in the Fused Filament Fabrication Process*; 4th International Conference on Simulation for Additive Manufacturing Sim-AM 2023, Munich, Germany, July 2023

72. J. Mader, S. Seibel, **J. Kiendl**; *Modeling the damage behavior of FFF printed structures under tensile loading*; 4th International Conference on Simulation for Additive Manufacturing Sim-AM 2023, Munich, Germany, July 2023

71. T.X. Duong, **J. Kiendl**; *A robust and efficient contact formulation dedicated to simulations of the extrusion process in fused filament fabrication*; 4th International Conference on Simulation for Additive Manufacturing Sim-AM 2023, Munich, Germany, July 2023

70. T.X. Duong, **J. Kiendl**, L. Leonetti; *A mixed interpolation method for frictionless contact based on isogeometric discretization*; 11th International Conference on IsoGeometric Analysis (IGA 2023), Lyon, France, June 2023

69. D. Zhang, **J. Kiendl**; *A wrinkling model based on tension-compresion decomposition of stress tensor and mixed wrinkling*; 11th International Conference on IsoGeometric Analysis (IGA 2023), Lyon, France, June 2023

68. D. Zhang, **J. Kiendl**; *A variational consistent wrinkling model based on tension-compresion decomposition of strain tensor*; 11th International Conference on IsoGeometric Analysis (IGA 2023), Lyon, France, June 2023

67. V. Karmakar, G. Michaloudis, **J. Kiendl**; *Application of IsoGeometric Analysis in Bridge Construction*; 11th International Conference on IsoGeometric Analysis (IGA 2023), Lyon, France, June 2023

66. L. Lapidus, T. Braml, **J. Kiendl**; *Embedding of Tendons in a Solid Structure for an Improved Analysis of Prestressed Bridge Superstructures*; 11th International Conference on IsoGeometric Analysis (IGA 2023), Lyon, France, June 2023

65. L. Lapidus, V. Karmakar, **J. Kiendl**, T. Braml; *Approach for the Embedding of Tendons in a Solid Structure for an Improved Analysis of Prestressed Bridge Superstructures*; 11th International Conference on IsoGeometric Analysis 2023, Lyon, France June 2023

64. M. Lukhi, C. Mittermeier, **J. Kiendl**; *Numerical and Experimental Investigation of Residual Stresses in the Fused Filament Fabrication Process*; VII ECCOMAS Young Investigators Conference (YIC2023), Porto, Portugal, June 2023

63. M. Loibl, A. Reali, **J. Kiendl**; *Patch-wise Integration of Trimmed Surfaces*; 10th International Conference on Isogeometric Analysis, Banff, Canada, November 2022

62. A. Farahat, **J. Kiendl**; *Isogeometric Analysis for multi-patch structured Kirchhoff-Love shells with globally C^1-smooth functions*; 10th International Conference on Isogeometric Analysis, Banff, Canada, November 2022

61. A. Patton, P. Antolín, M. Carraturo, John-Eric Dufour, F. Auricchio, **J. Kiendl**; A. Reali; *Efficient and accurate interlaminar stress modeling for composite structures combining isogeometric techniques and equilibrium*; XXV Convegno AIMETA, Palermo, Italy September 2022

60. M. Lukhi, C. Mittermeier, **J. Kiendl**; *Numerical Modeling of the Extrusion Process in Fused Filament Fabrication*; 15th World Congress on Computational Mechanics (WCCM-XV), 8th Asian Pacific Congress on Computational Mechanics (APCOM-VIII), Yokohama, Japan, August 2022

59. M. Lukhi, **J. Kiendl**; C. Mittermeier; *Numerical Modeling of Fused Deposition Modeling Process*; 15th World Congress on Computational Mechanics (WCCM-XV), 8th Asian Pacific Congress on Computational Mechanics (APCOM-VIII), Yokohama, Japan, August 2022

58. M. Loibl, L. Leonetti, A. Reali, **J. Kiendl**; *Patch-wise Integration for the Non-linear Analysis of Trimmed Surfaces*; 15th World Congress on Computational Mechanics (WCCM-XV), 8th Asian Pacific Congress on Computational Mechanics (APCOM-VIII), Yokohama, Japan, August 2022

57. M. Lukhi, C. Mittermeier, **J. Kiendl**; *Numerical Investigation of Residual Stresses in the Fused Filament Fabrication Process*; ESMC 2022: 11th European Solid Mechanics Conference, Galway, Ireland, July 2022

56. A. Patton, P. Antolín, John-Eric Dufour, **J. Kiendl**, A. Reali; *An isogeometric analysis equilibrium-based approach for accurate stress recovery in laminated structures*; 11th European Solid Mechanics Conference, Galway, Ireland, July 2022

55. **J. Kiendl**, C. Gao; *Impact of the mesostructural layout on strength and toughness of FFF-printed materials*; ESMC 2022: 11th European Solid Mechanics Conference, Galway, Ireland, July 2022

54. M. Lukhi, C. Mittermeier, **J. Kiendl**; *Numerical Modeling of the extrusion process in fused filament fabrication*; 8th ECCOMAS Congres, Oslo, Norway, June 2022

53. M. Torre, S. Morganti, A. Nitti, M. D. de Tullio, **J. Kiendl**, L. F. Pavarino, F. S. Pasqualini, A. Reali; *An isogeometric computational framework for the simulation of cardiac tissue in-vitro models*, VIGA2021: Virtual International Conference on Isogeometric Analysis, Lyon, France, September 2021

52. D. Proserpio, M. Ambati, L. De Lorenzis, **J. Kiendl**; *Isogeometric phase-field methods for modeling fracture in multipatch shell structures*, VIGA2021: Virtual International Conference on Isogeometric Analysis, Lyon, France, September 2021

51. M. Loibl, L. Leonetti, A. Reali, **J. Kiendl**; *Patch-wise integration of trimmed surfaces*; VIGA2021: Virtual International Conference on Isogeometric Analysis, Lyon, France, September 2021

50. A. del Toro, **J. Kiendl**; *Isogeometric analysis of the natural frequencies of submerged thin-walled structures*; VIGA2021: Virtual International Conference on Isogeometric Analysis, Lyon, France, September 2021

49. A. Patton, P. Antolin, J.-E. Dufour, **J. Kiendl**, A. Reali; *An accurate equilibrium-based approach to recover stresses in elastic solid composite structures via isogeometric analysis*, YIC 2021: VI ECCOMAS Young Investigators Conference, Valencia, Spain, July 2021

48. M. Torre, S. Morganti, A. Nitti, M. D. de Tullio, **J. Kiendl**, L. F. Pavarino, F. S. Pasqualini, A. Reali; *Isogeometric simulation of cardiac muscle electromechanics*, YIC 2021: VI ECCOMAS Young Investigators Conference, Valencia, Spain, July 2021

47. N. Ramos, **J. Kiendl**; *Detailed finite element analysis of FDM printing for predicting residula stresses*, Joint 14th World Congress in Computational Mechanics and ECCOMAS Congres, Paris, France, July 2020

46. A. Patton, P. Antolin, J.-E. Dufour, **J. Kiendl**, A. Reali; *An accurate equilibrium-based approach to recover stresses in elastic composite structures via isogeometric analysis*, Joint 14th World Congress in Computational Mechanics and ECCOMAS Congres, Paris, France, July 2020

45. D. Magisano, F. Liguori, L. Leonetti, A. Madeo, G. Garcea, **J. Kiendl**, A. Reali; *Robust and Efficient Large Deformation Analysis of Kirchhoff-love Shells: Locking, Patch Coupling and Iterative Solution*, Joint 14th World Congress in Computational Mechanics and ECCOMAS Congres, Paris, France, July 2020

44. C. Gao, **J. Kiendl**, F. Berto; *3D puzzle-inspired metamaterial with negative Poisson's ratio*; SES2019: 56th Annual Meeting of the Society of Engineering Science, St. Louis, USA, October 2019

43. A. Patton, J.-E. Dufour, P. Antolin, **J. Kiendl**, A. Reali; *A stress recovery approach for accurate elastic analysis of laminated composites via isogeometric collocation*; IGA2019: International Conference on Isogeometric Analysis, Munich, Germany, September 2019

42. E. Marino, **J. Kiendl**, L. De Lorenzis; *Isogeometric collocation for implicit dynamics of three-dimensional geometrically exact beams*; IGA2019: International Conference on Isogeometric Analysis, Munich, Germany, September 2019

41. D. Proserpio, **J. Kiendl**, M. Ambati, L. De Lorenzis, K. A. Johannessen, T. Kvamsdal; *Phase-field simulation of brittle fracture using LR-NURBS adaptive mesh refinement for complex shell structures*; IGA2019: International Conference on Isogeometric Analysis, Munich, Germany, September 2019

40. A. del Toro, **J. Kiendl**; *Towards the Coupling of IGA-BEM and IGA-FEM for the Hydroelastic Analysis of Marine Flexible Propellers*; IGA2019: International Conference on Isogeometric Analysis, Munich, Germany, September 2019

39. N. Ramos, **J. Kiendl**; *Detailed finite element analysis of FDM printing for predicting residual stresses and bond strength*; Sim-AM2019: Second International Conference on Simulation for Additive Manufacturing, Pavia, Italy, September 2019

38. C. Gao, **J. Kiendl**, F. Berto; *3D puzzle-inspired metamaterial with negative Poisson's ratio*; ESIAM19: First European Conference on Structural Integrity of Additively Manufactured Materials, Trondheim, Norway, September 2019

37. A. Patton, J.-E. Dufour, P. Antolin, **J. Kiendl**, A. Reali; *A stress recovery approach for accurate elastic analysis of laminated composites via isogeometric collocation*; YIC 2019: ECCOMAS Young Investigators Conference, Krakow, Poland, September 2019

36. A. Nitti, **J. Kiendl**, A. Reali; *Fluid-structure interaction within a ventricular assist device: a novel immersed-boundary/isogeometric framework*; AIMETA2019: Conference of the Italian Association of Theoretical and Applied Mechanics, Rome, Italy, September 2019

35. E. Marino, **J. Kiendl**, L. De Lorenzis; *Isogeometric collocation methods for the nonlinear dynamics of three-dimensional Timoshenko beams*; AIMETA2019: Conference of the Italian Association of Theoretical and Applied Mechanics, Rome, Italy, September 2019

34. H. Do, O. Weeger, Y. Quek, N. Ramos, **J. Kiendl**, K. Tracey; *Numerical simulation of mechanical behavior of knitted textiles at meso- and macro- scales*; ICCM2019: 10th International Conference on Computational Methods, Singapore, July 2019

33. H. Casquero, X. Wei, D. Toshniwal, A. Li, T.J.R. Hughes, **J. Kiendl**, Y.J. Zhang; *Bridging the gap between the design of smooth surfaces with arbitrary topology and Kirchhoff-Love*

shell analysis; USNCCM15: 15th US Congress on Computational Mechanics, Austin, USA, July 2019

32. C. Gao, **J. Kiendl**; *Design of strong and tough architectured layered materials via initial periodicity and porosity of material*; ICoNSoM 2019: International Conference on Nonlinear Solid Mechanics, Rome, Italy, June 2019

31. H. Casquero, X. Wei, D. Toshniwal, A. Li, T.J.R. Hughes, **J. Kiendl**, Y.J. Zhang; *Integrating design and nonlinear Kirchhoff-Love shell analysis using analysis-suitable unstructured T-splines*; SIAM-GD19: SIAM Conference on Computational Geometric Design, Vancouver, Canada, June 2019

30. D. Proserpio, **J. Kiendl**, M. Ambati, L. De Lorenzis, K. A. Johannessen, T. Kvamsdal; *Phase-field simulation of brittle fracture in complex shell structures using LR-NURBS adaptive mesh refinement*; CFRAC 2019: VI International Conference on Computational Modeling of Fracture and Failure of Materials and Structures, Braunschweig, Germany, June 2019

29. A. Patton, J.-E. Dufour, P. Antolin, **J. Kiendl**, A. Reali; *A stress recovery approach for accurate elastic analysis of laminated composites via isogeometric collocation*; HOFEIM2019: High-Order Finite Element and Isogeometric Methods Workshop, Pavia, Italy, May 2019

28. E. Marino, **J. Kiendl**, L. De Lorenzis; *Isogeometric collocation for the dynamics of three-dimensional nonlinear Timoshenko beams: explicit and implicit formulations*; HOFEIM2019: High-Order Finite Element and Isogeometric Methods Workshop, Pavia, Italy, May 2019

27. M. Amin Ghaziani, **J. Kiendl**, L. De Lorenzis; *Isogeometric multiscale modeling with Galerkin and Collocation Methods*; GAMM 2019: 90th annual meeting of GAMM, Vienna, Austria, February 2019

26. E. Marino, **J. Kiendl**, L. De Lorenzis; *Explicit isogeometric collocation for the dynamics of geometrically exact beams*; IGA 2018: Integrating Design and Analysis, Austin TX, USA, October 2018

25. E. Marino, **J. Kiendl**, L. De Lorenzis; *Isogeometric collocation for the explicit dynamics of three-dimensional beams undergoing finite motions*; GIMC-GMA 2018: XXII National Conference of Computational Mechanics and the IX Meeting of the AIMETA Materials Group, Ferrara, Italy, September 2018

24. V. Balobanov, **J. Kiendl**, S. Khakalo, J. Niiranen; *Shells in strain gradient elasticity: theory, isogeometric implementation and applications*; ECCM 6: 6th European Conference on Computational Mechanics, Glasgow, Scotland, June 2018

23. A. Reali, J.-E. Dufour, P. Antolin, A. Patton, G. Sangalli, **J. Kiendl***, F. Auricchio; *A stress-recovery approach for cost-effective isogeometric analysis of composite structures*; ECCM 6: 6th European Conference on Computational Mechanics, Glasgow, Scotland, June 2018

22. D. Proserpio, **J. Kiendl**, M. Ambati, L. De Lorenzis, K. A. Johannessen, T. Kvamsdal; *Isogeometric simulation of brittle fracture in shells using a phase-field approach and LR-NURBS-based adaptive refinement*; ECCM 6: 6th European Conference on Computational Mechanics, Glasgow, Scotland, June 2018

21. M. Amin Ghaziani, **J. Kiendl**, L. De Lorenzis; *Isogeometric multiscale modeling with Galerkin and Collocation Methods*; ECCM 6: 6th European Conference on Computational Mechanics, Glasgow, Scotland, June 2018

20. D. Proserpio, **J. Kiendl**, M. Ambati, L. De Lorenzis, K. A. Johannessen, T. Kvamsdal; *Isogeometric simulation of brittle fracture in shells using a phase-field approach and LR-NURBS-based adaptive refinement*; ECCM 6: 6th European Conference on Computational Mechanics, Glasgow, Scotland, June 2018

19. D. Proserpio, **J. Kiendl**, M. Ambati, L. De Lorenzis, K. A. Johannessen, T. Kvamsdal; *Phase-field modeling of brittle fracture in shells using LR-NURBS-based isogeometric analysis*; 5th GAMM Workshop on Phase Field Modeling, Dresden, Germany, February 2018

18. D. Proserpio, **J. Kiendl**, M. Ambati, L. De Lorenzis, K. A. Johannessen, T. Kvamsdal; *Simulation of brittle fracture in shells using a phase-field approach and LR B-splines*; GACM 2017: 7th GACM Colloquium on Computational Mechanics, Stuttgart, Germany, October 2017

17. V. Balobanov, S. Khakalo **J. Kiendl**, J. Niiranen; *Shell models in the framework of generalized continuum theories: isogeometric implementation and applications*; GACM 2017: 7th GACM Colloquium on Computational Mechanics, Stuttgart, Germany, October 2017

16. M. Ambati, **J. Kiendl**, L. De Lorenzis; *Extension of isogeometric Kirchhoff-Love shell formulations towards fracture and plasticity problems*; GACM 2017: 7th GACM Colloquium on Computational Mechanics, Stuttgart, Germany, October 2017

15. J.-E. Dufour, P. Antolin, **J. Kiendl**, G. Sangalli, F. Auricchio, A. Reali; *A cost-effective isogeometric approach for composite plates based on a stress-recovery procedure*; COMPOSITES 2017: 6th ECCOMAS Thematic Conference on the Mechanical Response of Composites, Eindhoven, Netherlands, September 2017

14. M. Ambati, **J. Kiendl**, L. De Lorenzis; *Isogeometric phase-field modeling of brittle and ductile fracture in shell structures*; NUMISHEET 2016: The 10th International Conference and Workshop on Numerical Simulation of 3D Sheet Metal Forming Processes, Bristol, UK, September 2016

13. H. Casquero, **J. Kiendl**, A. Reali, Y. Zhang, H. Gomez; *Analysis-suitable T-splines of arbitrary degree: From isogeometric collocation to fully nonlinear Kirchhoff-Love shells*; ECMI 2016: The 19th European Conference on Mathematics for Industry, Santiago de Compostela, Spain, June 2016

12. L. Heltai, **J. Kiendl**, A. Reali, A. DeSimone; *A natural framework for isogeometric fluid-structure-interaction: coupling BEM and Shell models*; MAFELAP 2016: The Mathematics of Finite Elements and Applications, London, UK, June 2016

11. J. Niiranen, S. Khakalo, V. Balobanov, A. H. Niemi, **J. Kiendl**, B. Hosseini, A. Reali; *Isogeometric Galerkin methods for gradient-elastic bars, beams, membranes and plates*; ECCOMAS 2016: VII European Congress on Computational Methods in Applied Sciences and Engineering, Crete Island, Greece, June 2016

10. P. Antolin, A. Buffa, **J. Kiendl**, M. Pingaro, A. Reali, G. Sangalli; *An isogeometric solid shell element for large strain problems*; ECCOMAS 2016: VII European Congress on

Computational Methods in Applied Sciences and Engineering, Crete Island, Greece, June 2016

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