

Candidate supervisor's information summary form
maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: Ewaryst Wierzbicki, Ph.D., Professor	
Discipline/ disciplines of science	Civil Engineering and Transport, Applied Mathematics
Professional development (degrees and titles) in chronological order	1979 – Master of Applied Mathematics, 1987 – Ph.D. in mathematical sciences at the Warsaw University; 1999 rok –degree of doctor habilitus in technical sciences at Lodz University of Technology;
Most important publications/ patents over the last 3 years (maximum 10)	Kula D., Wierzbicki E. , Surface localized heat transfer in periodic composites, <i>Acta Mechanica et Automatica</i> 2019, Vol. 13, nr 2, s. 124-129, 2019. Wierzbicki E., Kula D., Wodzyński. Ł. , Fourier variant homogenization of the heat transfer processes in periodic composites, <i>Mechanics and Mechanical Engineering</i> 2018, Vol. 22, nr 3, s. 719-726, 2018, Kula D., Wierzbicki E., Witkowska-Dobrev J. Fourier variant homogenization treatment of single impulse boundary effect behaviour, <i>Mechanics and Mechanical Engineering</i> , Vol. 22, nr 3, s. 683-690, 2018. Wierzbicki E., Kula D., Wodzyński. Ł. , Effective macroscopic description for heat conduction in periodic composites / <i>Computer Methods in Mechanics (CMM2017)</i> : Proceedings of the 22nd International Conference on Computer Methods in Mechanics : Lublin, Poland, 13–16 September 2017 / eds. Jerzy Podgorski, Ewa Błazik Borowa, Jarosław Bec, Tadeusz Burczynski, Mieczysław Kuczma, Jarosław Latalski, Jerzy Warminski. - AIP Publishing, 2018. - art. 140004, s. 1-8. Wierzbicki E. , <i>Averaging Techniques in Thermomechanics of Periodic Composites. Surface Localization versus of Tolerance Averaging</i> . Warsaw University of Life Sciences Press, Warsaw 2019.
Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order	<ul style="list-style-type: none"> • Dr Lena Łacińska (public defense of the doctoral dissertation in 2002) – Institute of Mathematics in Częstochowa University of Tehnology, Faculty of Mechanical Engineering and Computer Sciences; Dissertation title: <i>Selected Problems of periodic laminates (Wybrane zagadnienia elastodynamiki laminatów o strukturze periodycznej)</i>, in Polish, • Dr Urszula Siedlecka, (public defense of the doctoral dissertation in 2006) – Instytut Matematyki Politechniki Częstochowskiej, Wydział Inżynierii Mechanicznej i Informatyki; Dissertation title: <i>On the Influence of the Transient Temperature Fluctuations on the Heat Transfer Process in Periodic Laminate (Wpływ początkowych fluktuacji temperatury na proces przewodnictwa ciepła w laminacie o strukturze periodycznej)</i>, • Dr inż. Marta Mazewska (public defense of the doctoral dissertation in 2013) – Katedra Inżynierii Budowlanej SGGW, Wydział Budownictwa i Inżynierii Środowiska; Dissertation title: <i>Tolerance Modelling of Thermal Boundary Effect Behaviour in the Hexagonal-type Composites</i>

	<p><i>(Modelowanie tolerancyjne efektu brzegowego przewodnictwa ciepła w kompozytach o strukturze heksagonalnej),</i></p> <ul style="list-style-type: none"> • Dr Dorota Kula - (public defense of the doctoral dissertation in 2014) – Department of Structural Mechanics, Faculty of Civil Engineering, Architecture and Environmental Sciences, Łódź University of Technology, Dissertation title: <i>Assessment of the impact of the geometric structure of periodic composites on the intensity of damping the fluctuation of boundary loads, (Ocena wpływu geometrycznej budowy kompozytów periodycznych na intensywność tłumienia fluktuacji obciążeń brzegowych)</i> • Dr. Eng, Łukasz Wodzyński - (the opening of the PhD thesis process took place on November 15th, 2018 and was approved by the resolution of the Council of the Faculty of Civil and Environmental Engineering, Warsaw University of Life Sciences) Dissertation title: <i>On the Transport of Thermal Fluctuations across the Barrier made of Periodic Composite Material (Przenoszenie fluktuacji termicznych przez przegrodę budowlaną utworzoną z periodycznego materiału kompozytowego)</i>
Project/grants achievements (from the last 10 years)	
Topic – research problem – for which the candidate supervisor seeks a doctoral student	Various problems in Mechanics of composite materials
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