

Lista detaliată cu punctajele pentru criteriile A1, A2 și A3 conform OM. Nr. 6129/2016

Domeniu de doctorat: INGINERIE INDUSTRIALĂ ȘI MANAGEMENT

Nr.crt.	Criteriu	Indicatori	Necesar	Realizat
0	Minimale	Condiții minimale îndeplinite	9	9
1	Criteriul A1	Activitatea didactică / profesională (A1)	130	527.3369
2	Criteriul A2	Activitatea de cercetare (A2)	300	5702.7440
3	Criteriul A3	Recunoașterea impactului activității (A3)	100	465.0833
4	Total	Punctaj total (A1+A2+A3)	530	6695.1643

A1. Activitatea didactică și profesională

1.1 Cărți / manuale / monografii / capitole în cărți de specialitate

1.1.1 Cărți / manuale / monografii / capitole în cărți de specialitate ca autor
(**minimum 2 prim autor: Grad de îndeplinire:17**)

1.1.1.1 Internaționale

Nr. / No	Descriere/ Description	Punctaj realizat/ Score
1.	Niemann, Jörg: Life Cycle Management- das Paradigma der ganzheitlichen Produktlebenslaufbetrachtung. In: Spath, Dieter, Westkämper, Engelbert (Hrsg.) u.a.: Handbuch Unternehmensorganisation: Strategien, Planung, Umsetzung. Berlin u.a.: Springer, 2016 (16 of 616).	3.2
2.	Westkämper, Engelbert; Niemann, Jörg: Digitale Produktion – Herausforderung und Nutzen. In: Spath, Dieter, Westkämper, Engelbert (Hrsg.) u.a.: Handbuch Unternehmensorganisation: Strategien, Planung, Umsetzung. Berlin u.a.: Springer, 2016, (18 of 616)	1.8

3.	Niemann, Jörg et al. , (Mitarb.), ZVEI Zentralverband Elektrotechnik- und Elektroindustrie e.V. Fachverband Automation (Hrsg.): Life-Cycle-Management for Automation Products and Systems. A Guideline by the System Aspects Working Group of the ZVEI Automation Division, Frankfurt, ZVEI, 2012	4.47
4.	Niemann, Jörg et al. , (Mitarb.), ZVEI Zentralverband Elektrotechnik- und Elektroindustrie e.V. Fachverband Automation (Hrsg.): Life-Cycle-Management für Produkte und Systeme der Automation. Ein Leitfaden des Arbeitskreises Systemaspekte im ZVEI Fachverband Automation, Frankfurt, ZVEI, 2010	4.47
5.	Niemann Jörg et al. (Mitarb.): Integriertes Life-Cycle-Modell für Produkte und Systeme der Automation - Ein Leitfaden des Arbeitskreises Systemaspekte im ZVEI Fachverband Automation, 2010	4.47
6.	Bullinger, Hans-Jörg (Hrsg.); Warnecke, Hans-Jürgen (Hrsg.); Westkämper, Engelbert (Hrsg.); Spath, Dieter (Hrsg.) Niemann, Jörg (Red.); Richter Michael (Red.); Neue Organisationsformen im Unternehmen : Ein Handbuch für das moderne Management. 3., neubearb. u. erw. Aufl. Berlin u.a.: Springer, 2009	34.3
7.	Niemann, Jörg: Ökonomische Bewertung von Produktlebensläufen- Life Cycle Controlling. . In: Spath, Dieter (Hrsg.) u.a.: Neue Organisationsformen im Unternehmen : In: Spath, Dieter, Westkämper, Engelbert (Hrsg.) u.a.: Handbuch Unternehmensorganisation: Strategien, Planung, Umsetzung. Berlin u.a.: Springer, 2016	1.07
8.	Niemann, Jörg: Life Cycle Management- das Paradigma der ganzheitlichen Produktlebenslaufbetrachtung. In: Bullinger, Hans-Jörg (Hrsg.) u.a.: Neue Organisationsformen im Unternehmen : Ein Handbuch für das moderne Management. Berlin u.a. : Springer, 2008 S. 224-236	2.4
9.	Niemann, Jörg: Ökonomische Bewertung von Produktlebensläufen- Life Cycle Controlling. In: Bullinger, Hans-Jörg (Hrsg.) u.a.: Neue Organisationsformen im Unternehmen : Ein Handbuch für das moderne Management. Berlin u.a. : Springer, 2008, S. 294-307	1.4
10.	Bullinger, Hans-Jörg (Hrsg.); Warnecke, Hans-Jürgen (Hrsg.); Westkämper, Engelbert (Hrsg.); Niemann, Jörg (Red.); Balve, Patrick (Red.); Bauer, Siegfried (Red.); Gerlach, Gerhard (Red.): Neue Organisationsformen im Unternehmen : Ein Handbuch für das moderne Management. 2., neubearb. u. erw. Aufl. Berlin u.a. : Springer, 2003	38.63
11.	Niemann, Jörg: Die Services-Manufaktur, Industrielle Services planen – entwickeln – einführen. Ein Praxishandbuch Schritt für Schritt mit Übungen und Lösungen. Aachen, Shaker Verlag, 2016	79.2
12.	Niemann, Jörg; Tichkiewitch, Serge; Westkämper Engelbert: Design of Sustainable Product Life Cycles, Springer Verlag, Heidelberg Berlin, 2009	13.93
13.	Morar, Liviu; Westkämper, Engelbert; Abrudan, Ioan; Pisla, Adrian; Niemann, Jörg; Manole, Ion: Planning and Operation of Production Systems, Fraunhofer IRB Verlag, 2008	24.13
14.	Niemann, Jörg: Eine Methodik zum dynamischen Life Cycle Controlling von Produktionssystemen. Heimsheim: Jost-Jetter Verlag, 2007IPA-IAO Forschung und Praxis 459). Stuttgart, Univ., Fak. Maschinenbau, Inst. für Industrielle Fertigung und Fabrikbetrieb, Diss. 2007	91.8
15.	Niemann, Jörg: Ausgewählte Methoden des Industrial Engineering	30

16.	Niemann, Jörg, Werner, Wilfried: Life Cycle Service Excellence - Den Servicenutzen messen-, 84.Chapter Meeting des AFSMI, Düsseldorf, 24.06.2014	2
17.	Niemann, Jörg: Life Cycle Management führt mit dem Index an die Spitze. In: Maschinenbau und Metallbearbeitung, S. 34-35, August 2009	0.4
18.	Niemann, Jörg; Westkämper, Engelbert: Product Life Cycle Management in the Digital Age. In: Leondes, Cornelius T. (Hrsg.): Intelligent Knowledge-Based Systems - Vol. 2: Information Technology : Business and Technology in the New Millenium. Dordrecht u.a. : Kluwer, 2005, S. 293-323	3
19.	Niemann, Jörg; Westkämper, Engelbert: A modular framework for the economic performance control in manufacturing segments : A life cycle oriented approach. In: Tichkiewitch, Serge (Ed.) u.a.: Methods and tools for co-operative and integrated design. Dordrecht, Boston, London : Kluwer Academic Publishers, 2004, S. 25-34	1
20.	Niemann, Jörg: Life cycle management- das Paradigma der ganzheitlichen Produktlebenslaufbetrachtung. In: Bullinger, Hans-Jörg (Hrsg.) u.a.: Neue Organisationsformen im Unternehmen : Ein Handbuch für das moderne Management. Berlin u.a. : Springer, 2003, S. 813-826	2.8
21.	Niemann, Jörg: Ökonomische Bewertung von Produktlebensläufen- Life Cycle Controlling. In: Bullinger, Hans-Jörg (Hrsg.) u.a.: Neue Organisationsformen im Unternehmen : Ein Handbuch für das moderne Management. Berlin u.a. : Springer, 2003, S. 904-916	2.4

1.1.2.Cărți ca editor

Nr. / No	Descriere/ Description	Punctaj realizat/ Score
1.	Schrieber, Reinhard; Wollschläger, Martin; Mühlhause, Mathias; Niemann, Jörg: Life-Cycle-Excellence in der Automation - Kompatibilität als Schlüssel für Nachhaltigkeit. In atp Automatisierungstechnische Praxis, 53. Jahrgang, Oldenbourg Industrieverlag 2011 (angenommener Beitrag für November 2011, very high ranked journal)	0.375
2.	Niemann, Jörg: Unter der Lupe – Life Cycle Fitness von Prozessleitsystemen. In: CAV Chemie – Anlagen – Verfahren, Heft 7 (2010), Konradin Verlag, S. 16-17, 2010	1

1.2 Alte materiale didactice inclusiv in format electronic

1.2.1 Suporturi de curs / îndrumare (**minim 4 din care 2 ca prim autor:** Grad de îndeplinire:5/5, (poz 1-5))

Nr. / No	Descriere/ Description	Punctaj realizat/ Score
1.	Niemann, Jörg: Life Cycle im Griff. In: Computer Automation, Heft 4 (2009), S. 92-94	0.3

2.	Niemann, Jörg: Life Cycle Management in der Prozessleittechnik. In: atp Automatisierungstechnische Praxis. Oldenbourg Industrieverlag, Heft 4 (2009), 51. Jahrgang, S. 21.	1.05
3.	Niemann, Jörg: Der Body Mass Index für Prozessleitsysteme. In: CITplus, Heft 6, S. 36-39, 2009	0.2
4.	Niemann, Jörg: PLS auf dem Index. In: Chemietechnik, Heft 4 (2009), S.48-49, 2009	0.05
5.	Niemann, Jörg: Anforderungen an ein effizientes Anlagen-Controlling. In: Adolf, Thomas (Seminarleitung); Fraunhofer-Institut für Produktionstechnik und Automatisierung IPA u.a.: Aufbau und Einführung eines effizienten Anlagen-Controlling : 31.3.-1.4. 2003 in Frankfurt/Main, 8.-9. Mai 2003 in München, 21.-22. Mai 2003 in Düsseldorf. Frankfurt/Main, 2003, Vortrag 2	1

1.3 Coordonarea de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale (Director)

Nr. / No	Descriere/ Description	Punctaj realizat/ Score
1.	Regular task as responsibility from the Faculty, Hochschule Düsseldorf University of Applied Sciences, Fachbereich Maschinenbau & Verfahrenstechnik Faculty of Mechanical and Process Engineering; Geschäftsführender Vorstand FMDauto	15

1.4 Dezvoltarea de noi discipline

Nr. / No	Descriere/ Description	Punctaj realizat/ Score
1.	Wirtschaftsingenieurwesen	10
2.	Life Cycle Excellence	10
3.	Life Cycle Management	10
4.	Life Cycle Costing	10
5.	Services Engineering & Management	10
6.	Eye Tracking	10
7.	Produktionsoptimierung	10
8.	Logistik & Supply Chain	10
9.	International technical sales	10

1.5 Proiecte educaționale

Nr. / No	Descriere/ Description	Punctaj realizat/ Score
	ERASMUS+ Project „Ascent“: Competence centres for automotive engineering and sales management to increase the positive impact on regional economic development in Argentina, Brazil and Mexico, Project duration 36 months (15.10.2017 – 14.10.2020) Funded by : EACEA Erasmus+ Capacity Building in Higher Education, 99.300 Euro.	30
	ERASMUS+ Project „ELIC“: Engineering Literacy Online – Teachers as a medium for Change. Project duration 36 months (15.10.2017 – 14.10.2020) Funded by : EACEA Erasmus+ Capacity Building in Higher Education, 22.800 Euro.	20
	Establishment of a Center for long distance studies at the TU Cluj Napoca (DECID), EU Tempus 60kEuro	20

A2. Activitatea de cercetare

2.1 Articole în reviste cotate ISI Thomson Reuters (poz.1-3) și în volume indexate ISI Proceedings (**de la ultima promovare minim 8 (poz.1-8), din care 3 în reviste (1,2,4,5), minimum 3 ca autor principal (poz.3, 6, 7), minimum 1 zona roșie sau galbenă în întreaga activitate (poz.3)**)

Nr. / No	Descriere/ Description	Punctaj realizat/ Score
1.	Evers, Wilhelm; Niemann, Jörg ; Westkämper, Engelbert: Lebenszyklusorientierte Investitionsplanung - Umsetzung und Nutzen für die Praxis. In: Stahl und Eisen 128 (2008), Nr. 1, S. 45-48	23.33
2.	Lorand Kacso-Vidrean, Jörg Niemann , Raluca Baidoc, Adrian Pisla, Change Management Aspects in Solar Energy Implementation , SIM 2017: 14th International Symposium in Management - Challenges and Innovation in Management and Entrepreneurship, 27-28 October 2017, Timisoara, Romania, Elsevier Procedia - Social and Behavioral Sciences, published on the SciVerse ScienceDirect platform indexed by ISI in Scopus and Thomson Reuters.(6 pag.)	22.5
3.	Jörg Niemann and Adrian Pisla, Sustainable Potentials and Risks Assess in Automation and Robotization Using the Life Cycle Management Index Tool—LY-MIT, Sustainability 2018, 10(12), 4638; https://doi.org/10.3390/su10124638 , (20 pages, IF= 2.075)	25.375

4.	F. Scherpen, Jörg Niemann , Adrian Pisla, Customer Experience Management to Leverage Customer Loyalty in the Automotive Industry , Elsevier, Procedia - Social and Behavioral Sciences, Reference: SBSPRO28904.	8.34
5.	Stöhr, Carsten; Reich, Benedikt; Niemann, Jörg ; Pisla, Adrian, Calculation Approach for Service Costs , SIM 2017: 14th International Symposium in Management - Challenges and Innovation in Management and Entrepreneurship, 27-28 October 2017, Timisoara, Romania, will be published by Elsevier Procedia - Social and Behavioral Sciences, published on the SciVerse ScienceDirect platform and sent for indexing by ISI in Scopus and Thomson Reuters (2017).	6.25
6.	Niemann J. , Pisla A., “Factory Layout Design and Optimisation Using Plavis Vistable” , ICPR -2014 International Conference on Production Research – Regional Conference Africa, Europe and Middle East, 3rd International Conference on Quality and Innovation in Engineering and Management, 1-5 July 2014, Cluj-Napoca, Romania, pp. 358-363, ISBN: 978-973-662-978-5(2014).	12.5
7.	Niemann J. , Reich B., Stöhr C., Pisla A. , “PROCESS ANALYSIS FOR A ROMANIAN AUTOMOTIVE MANUFACTURER” , ICPR – QIEM 2016, International Conference on Production Research – Africa, Europe and the Middle East, 4th International Conference on Quality and Innovation in Engineering and Management, Proceedings, ISBN 978-606-737-180-2, pag. 87-91, 25-30 July , Cluj-Napoca, Romania (2016).	6.25
8.	Vartolomei A.M., Niemann J. , Pisla A., “Considerations over dependencies within the technological culture and lifecycle management” , ICPR-2014 International Conference on Production Research – Africa, Europe and Middle East, 3rd International Conference on Quality and Innovation in Engineering and Management, 1-5 July 2014, Cluj-Napoca, Romania, pp. 499-502, ISBN: 978-973-662-978-5.	8.34

2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (de la ultima promovare minim 8 (poz. 1-20))

Nr./ No	Descriere/ Description	Punctaj realizat/ Score
1.	Raluca Baidoc, Jörg Niemann , Lorand Kacso-Vidrean, Daniela Corina Jucan, Adrian Pisla, Change Management Aspects in Developing the International Airport „Avram Iancu” Cluj , Scientific Buletin of the Politehnica University of Timisoara, Romania, TRANSACTIONS on ENGINEERING AND MANAGEMENT, Volume 3, Number 1, (2017).	3

2.	Niemann, J. , Scherpen, F.; Pisla, A.: Customer Experience Management to Leverage Customer Loyalty in the Automotive Industry. In: 14th International Symposium in Management, Challenges and Innovation in Management and Entrepreneurship, 27-28 October 2017, Timisoara, Romania	5
3.	Stöhr, Carsten; Janssen, Monika; Niemann, Jörg : Smart Services. In: 14th International Symposium in Management, Challenges and Innovation in Management and Entrepreneurship, 27-28 October 2017, Timisoara, Romania	5
4.	Niemann, J. , Dehmer, J.: Value Chain Management Through Cloud-based Platforms. In: SIM 2017: 14th International Symposium in Management, Challenges and Innovation in Management and Entrepreneurship, 27-28 October 2017, Timisoara, Romania	7.5
5.	Niemann, J. ; Basson, A.; Fussenecker, C.; Kruger, K.; Schlösser, M.; Turek, S.; Amarnath, H. Umadevi: Implementation of Eye-Tracking technology in Holonic Manufacturing Systems. In: SIM 2017: 14th International Symposium in Management, Challenges and Innovation in Management and Entrepreneurship, 27-28 October 2017, Timisoara, Romania	2.15
6.	Kacso-Vidrean, L., Niemann, J. , Baidoc R., Pisla, A.: Change Management Aspects in Solar Energy Implementation. In: SIM 2017: 14th International Symposium in Management, Challenges and Innovation in Management and Entrepreneurship, 27-28 October 2017, Timisoara, Romania	3.75
7.	Dehmer, J.; Kutzera, A.-A.; Niemann, J. : Digitalisierung von Geschäftsmodellen durch plattformbasiertes Value Chain Management. In: zwf – Zeitschrift für wirtschaftlichen Fabrikbetrieb, Jahrgang 112 (2017) 4, Hanser Verlag, S. 1-4.	5
8.	Niemann, Jörg ; Dehmer, Joanna: A business tool to measure industrial service performance – the total care index. In: 2016 International Conference on Production Research – Africa, Europe, Middle East 4th International Conference on Quality and Innovation in Engineering and Management, July 25-30, 2016, Cluj-Napoca, Romania	7.5
9.	Niemann, Jörg ; Reich, Benedikt, Stöhr, Carsten, Pisla Adrian: Process analysis for a Romanian automotive manufacturer. In: 2016 International Conference on Production Research – Africa, Europe, Middle East 4th International Conference on Quality and Innovation in Engineering and Management, July 25-30, 2016, Cluj-Napoca, Romania	3.75
10.	Niemann, Jörg ; Janssen, Monika: Development of modern lecture materials for the subject of product life cycle & service management. In: 2016 International Conference on Production Research – Africa, Europe, Middle East 4th International Conference on Quality and Innovation in Engineering and Management, July 25-30, 2016, Cluj-Napoca, Romania	7.5
11.	Niemann, Jörg ; Dehmer, Joanna: A life cycle oriented evaluation and optimization of mobile production machines on the example of a forage harvester. In: 2016 International Conference on Production Research – Africa, Europe, Middle East 4th International Conference on Quality and Innovation in Engineering and Management, July 25-30, 2016, Cluj-Napoca, Romania	7.5
12.	Niemann, Jörg ; Fussenecker, Schlösser, Martin, Claudia: Benefiting from users view – improving work environments with the eye tracking technology. In: 2016 International Conference on Production Research – Africa, Europe, Middle East 4th International Conference on Quality and Innovation in Engineering and Management, July 25-30, 2016, Cluj-Napoca, Romania	5

13.	Niemann, J. Fussenecker, C. Schlösser, M.: Measuring the impact of Life Cycle Management and Service Performance. In: International Conference on Competitive Manufacturing (COMA'16), Stellenbosch, South Africa, 27.-29. January, 2016	5
14.	Niemann, J. , Fussenecker, C., Schlösser, M., Turek, S. Miloloza, D.: Development of a strategic B2B marketing strategy for a dry port in Jakarta/ Indonesia as an integral part to solve local logistic bottlenecks. In: International Conference on Competitive Manufacturing (COMA'16), Stellenbosch, South Africa, 27.-29. January, 2016	3.75
15.	Niemann, J. , Fussenecker, C., Schlösser, M.: Factory layout design and optimisation using PLAVIS „visTable“. In: International Conference on Competitive Manufacturing (COMA'16), Stellenbosch, South Africa, 27.-29. January, 2016	5
16.	Niemann, Jörg; Fussenecker, Claudia: Improved service design by using eye tracking technologies in mechanical engineering, in: 2014 International Conference on Production Research – Africa, Europe, Middle East 3rd International Conference on Quality and Innovation in Engineering and Management, July 02-04, 2014, Cluj-Napoca, Romania	7.5
17.	Niemann, Jörg; Pisla, Adrian: Lean logistic by application of material flow simulation, in: 2014 International Conference on Production Research – Africa, Europe, Middle East 3rd International Conference on Quality and Innovation in Engineering and Management, July 02-04, 2014, Cluj-Napoca, Romania	7.5
18.	Niemann, Jörg: The life Cycle Index – A tool to measure life cycle management. In: Qiem, 2nd International Conference on Quality Innovation in Engineering and Management, Cluj-Napoca, Romania, 22nd-24nd November 2012, ISSN 1582-2559, TU Cluj –Napoca, 2012, S. 385-388	15
19.	Niemann, Jörg: Wie fit ist Ihr Prozessleitsystem? Produktivitätspotentiale und Zukunftssicherheit für Prozessleitsysteme. In: P&A Prozesstechnik und Automation, Sondernummer, 9. Jahrgang, publish-industry Verlag GmbH, 2011, S. 182f	15
20.	Schrieber, R.; Mühlhausen, M.; Wollschläger, M.; Birkhofer, R.; Niemann, J. Kalthoff, J., Wickinger, J.: Generisches Lebenszyklusmodell für Produkte und Systeme der Automation. In: VDI-Kongress AUTOMATION 2010, 15.-16.6.2010, Baden-Baden	2.15
21.	Draghici, Anca; Niemann, Jörg; Draghici, George; Banciu, Felicia: National Virtual Team's Management and Development. The Case of Romanian Research Network INPRO. In: Duse, Dan Maniu (Hrsg.) u.a.; Lucian Blaga University of Sibiu <Sibiu, Romania> / Faculty of Engineering u.a.: Proceedings of the 3rd International Conference on Manufacturing Science and Education : European Traditions and Influences in Engineering Creation, 12th - 14th July 2007, Sibiu, Romania. Sibiu, RO : Editura Universitatii "Lucian Blaga" din Sibiu, 2007, S. 227-228	3.75
22.	Niemann, Jörg: Vom Life Cycle Costing zum Life Cycle Cost Controlling. In: IT & Production (2007), Nr. 11, S. 70-71	15
23.	Frank, Thorsten; Niemann, Jörg; Westkämper, Engelbert: Ein Tool zur lebenslangen Kostenüberwachung : Vom Life Cycle Costing zum Life Cycle Controlling. In: Wt Werkstattstechnik 97 (2007), Nr. 7/8, S. 555-559	5

24.	Draghici, Anca; Niemann, Jörg ; Draghici, George; Banciu, Felicia: Dezvoltarea si managementul Unei Echipe Nationale Virtuale. Reteaua Româneasca de Cercetare - INPRO. In: Revista de Management si Inginerie Economică 6 (2007), Nr. 2A, S. 5-18	3.75
25.	Niemann, Jörg ; Westkämper, Engelbert: Life Cycle Controlling for Manufacturing Systems. In: Academic Journal of Manufacturing Engineering 5 (2007), Nr. 2, S. 61-66	7.5
26.	Weckenmann, Albert; Westkämper, Engelbert; Niemann, Jörg ; Walz, Matthias : Preis der Toleranz : Rentabilität von Fertigungsprüftechnik. In: Qualität und Zuverlässigkeit QZ 52 (2007), Nr. 5, S. 150-151	3.75
27.	Niemann, Jörg ; Westkämper, Engelbert: Dynamic Lifecycle Control of Integrated Manufacturing Systems. In: Bouras, Abdelaziz (Ed.) u.a.: Product Lifecycle Management : Going beyond product development and delivery. Third Internatinal Conference on Product Lifecycle Management, 10-12th July 2006, Bangalore, India. Genf : Inderscience, 2006, S. 278-286 (Product Lifecycle Management - Special Publication 2, 2006).	7.5
28.	Haid, Annina; Niemann, Jörg : Fitnesskur für die Produktion - mit Papier und Bleistift durch die Fabrik. In: Maschinenbau und Metallbearbeitung Deutschland (2006), August, S. 60-61	7.5
29.	Niemann, Jörg ; Westkämper, Engelbert: Life Cycle Controlling von Produktionssystemen. In: Wt Werkstattstechnik 96 (2006), Nr. 7/8, S. 460-466	7.5
30.	Niemann, Jörg : Die Kosten stets im Griff : Systemoptimierung durch Life Cycle Controlling. In: VDMA Nachrichten 85 (2006), Nr. 5, S. 41-42	15
31.	Niemann, Jörg ; Westkämper, Engelbert: Dynamic Life Cycle Performance Simulation of Production Systems. In: Brissaud, Daniel (Ed.) u.a.; CIRP u.a.: Innovation in Life Cycle Engineering and Sustainable Development : Selection of Papers of the 12th CIRP International Conference on Life Cycle Engineering, Grenoble, France, in April 2005. Dordrecht, NL : Springer, 2006, S. 419-428	7.5
32.	Niemann, Jörg ; Westkämper, Engelbert: Dynamic Life Cycle Performance Simulation of Production Systems. In: Journal of Machine Engineering 6 (2006), Nr. 1, S. 5-14	7.5
33.	Haid, Annina; Niemann, Jörg : Kosten senken durch optimale Materialflüsse : Reorganisation einer flexiblen Fertigung mittels Wertstromdesign. In: WB Werkstatt + Betrieb 139 (2006), Nr. 4, S. 78-83	7.5
34.	Niemann, Jörg ; Westkämper, Engelbert: Dynamic Life Cycle Control of Integrated Manufacturing Systems using Planning Processes Based on Experience Curves. In: Weingärtner, Lindolfo (Chairman) u.a.; CIRP: 38th International Seminar on Manufacturing Systems / CD-ROM : Proceedings, May 16/18 - 2005, Florianopolis, Brazil. 2005, 4 p.	7.5
35.	Niemann, Jörg ; Westkämper, Engelbert: Dynamic Life Cycle Performance Simulation of Production Systems. In: Laboratoire Sols, Solides, Structures u.a.: 12th CIRP Seminar on Life Cycle Engineering : Innovation in Life Cycle Engineering and Sustainable Development. Grenoble, France, 3-5 April 2005. Grenoble, 2005, 4 p.	7.5
36.	Niemann, Jörg ; Westkämper, Engelbert: Dynamic Life Cycle Performance Simulation of Production Systems. In: Lin, Z. Q. (Ed.) u.a.; Jiao Tong University <Shanghai, China> / School of Mechanical Engineering u.a.: New Trends in Engineering Design : Proceedings of 15th International CIRP Design Seminar 2005, May 22-26, 2005, Shanghai, China. Shanghai, China, 2005, 4 p.	7.5

37.	Niemann, Jörg; Westkämper, Engelbert: Kooperative Lebenslaufoptimierung von technischen Gütern durch Life Cycle Cost Vereinbarungen. In: Bundesakademie für Wehrverwaltung und Wehrtechnik: Symposium Life-Cycle Management : 31.01. - 02.02.2005, Mannheim. Mannheim, 2005, 24 Folien	7.5
38.	Niemann, Jörg; Westkämper, Engelbert: The Paradigm of Product Life Cycle Management - Continuous Planning, Operation and Evaluation of Manufacturing Systems. In: Draghici, George (Hrsg.); "Politehnica" Universität <Timisoara, Rumänien> u.a.: International Conference on Integrated Engineering - C2I 2005 : 16-18 October 2005, Timisoara, Romania. Timisoara : Editura Polithenica, 2005, S. 29-30	7.5
39.	Niemann, Jörg: Die Wirtschaftlichkeit im Fokus - Life Cycle Costing zur Lebenslaufoptimierung. In: Spitznagel, Sven (Leitung); ETH <Zürich> / Zentrum für Unternehmenswissenschaft Logistik- und Informationsmanagement: Life Cycle Management : Aufbau erfolgreicher Produkte. Seminar vom 28. April 2005, Zürich. Zürich, 2005, 15 S.	15
40.	Niemann, Jörg: Liefern alleine reicht nicht – Life Cycle Cost Verträge bei Werkzeugmaschinen, in: VDI-Z 147 (2005) Nr. 4 April 2005, Düsseldorf : Springer-VDI Verlag, S. 12	15
41.	Niemann, Jörg: Nicht nur das Preisschild zählt : Gesamtkosten von Maschinen und Anlagen über deren komplette Laufzeit. In: Beschaffung aktuell (2005), Nr. 6, S. 38-39	15
42.	Niemann, Jörg; Österle, Michaela; Westkämper, Engelbert: Erfahrungskurvenbasierte Investitionsplanung : Integration industrieller Lerneffekte in die Kostenplanung. In: Wt Werkstattstechnik 95 (2005), Nr. 7/8, S. 564-568	5
43.	Niemann, Jörg; Westkämper, Engelbert: Dynamic Life Cycle Control of Integrated Manufacturing Systems. In: Machine Engineering 5 (2005), Nr. 1-2, S. 105-113	7.5
44.	Westkämper, Engelbert; Jendoubi, Lamine; Eissele, Mike; Ertl, Thomas; Niemann, Jörg: Smart Factories - Intelligent Manufacturing Environments. In: Machine Engineering 5 (2005), Nr. 1-2, S. 114-122	3
45.	Niemann, Jörg: Nicht nur das Preisschild zählt. In: Bänder Bleche Rohre 46 (2005), Nr. 5, S. 44-45	15
46.	Niemann, Jörg; Westkämper, Engelbert: The Paradigm of Product Life Cycle Management - Continuous Planning, Operation and Evaluation of Manufacturing Systems. In: Academic Journal of Manufacturing Engineering 3 (2005), Nr. 4, S. 50-56	7.5
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55.	Niemann, Jörg; Westkämper, Engelbert: Dynamisches Life Cycle Controlling von Ganzheitlichen Produktionssystemen mit erfahrungskurvenbasierten Planungsverfahren. In: Wt Werkstattstechnik 94 (2004), Nr. 10, S. 553-557	7.5
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73.	Westkämper, Engelbert; Niemann, Jörg; Stolz, Marcus: Advanced life cycle management in digital and virtual structures. In: Manufacturing Systems 32 (2003), Nr. 1, S. 1-6	5
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94.	Westkämper, Engelbert; Sihn, Wilfried; Niemann, Jörg: Life Cycle Management and Simulation applied to Manufacturing Systems. In: Chern, Maw-Sheng (Hrsg.) u.a.; National Tsing Hua University <Hsinchu, Taiwan>: Advances in Industrial Engineering - Theory, Applications and Practice V: Proceedings : 5th Annual International Conference, December 13-15, 2000, Hsinchu, Taiwan, R.O.C. Hsinchu, Taiwan, 2000, S. 1-9	5
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2.3 Articole in extenso in reviste/volumele unor manifestări științifice naționale/internaționale neindexate/ Unindexed papers in extenso, published in Reviews or in the Proceedings of national or international scientific events.

1.	Niemann, Jörg; Westkämper, Engelbert: Life Cycle Controlling for Manufacturing Systems. In: Duse, Dan Maniu (Hrsg.) u.a.; Lucian Blaga University of Sibiu <Sibiu, Romania> / Faculty of Engineering u.a.: Proceedings of the 3rd International Conference on Manufacturing Science and Education : European Traditions and Influences in Engineering Creation, 12th - 14th July 2007, Sibiu, Romania. Sibiu, RO : Editura Universitatii "Lucian Blaga" din Sibiu, 2007, S. 137-138	2
2.	Niemann, Jörg: Life Cycle Cost Controlling in Industrial Manufacturing. In: Fischer Advanced Composite Components: New developments for new aircraft requirements : 4th Technical Colloquium, June 21st, 2007, Salzburg, Austria. Ried, A, 2007, 19 S.	4
3.	Niemann, Jörg: Eine Methodik zum dynamischen Life Cycle Controlling von Produktionssystemen. Heimsheim : Jost-Jetter Verlag, 2007 (IPA-IAO Forschung und Praxis 459). Stuttgart, Univ., Fak. Maschinenbau, Inst. für Industrielle Fertigung und Fabrikbetrieb, Diss. 2007	4

2.4 Proprietate intelectuală, brevete de invenție și inovație/ Intellectual Property, patents & Innovations

1.	FliXFab - industry 4.0 mini factory for educational purposes	20
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2.5 Granturi/proiecte câștigate prin competiție sau contracte cu mediul socio-economic (în valoare de minimum 25000 lei, justificată cu documente care să ateste încasarea sumei), Internationale/ Grants/Projects with industrial partners, won based on competition or direct contracts (for minimum 25.000 lei (5.263 Euro)) with justification documents)

2.5.1 Director/Responsabil

(Abilitare Minimum 2D sau 4R; 9D+5R, Pentru cerințele minimale, în cazul proiectelor de cercetare/inovare finanțate prin programele cadru ale U.E. de tip FP6, FP7, H2020, calitatea de R - reprezentant al instituției este echivalentă cu cea de D - director de proiect/contract. Se va lua în considerare, din bugetul total al proiectului, suma care revine instituției din partea căreia este Responsabil calculată la cursul de schimb oficial la data contractării)

1.	CE3 Crossborder Entrepreneurial Energy Education (CE3), EU – Interreg, 580k€, (2019-2021).	1160
2.	International Student Business Business Plan Project, Industrial foundation, Stifterverband NRW, 50 kEuro, (2019).	100
3.	Heatflow – Energy Efficiency of mobil production machines with special regard to the life cycle cost , Federal Ministry of Education and Research. 300 kEuro, (2018-2020).	600
4.	Interaktive body-near production technology (iKPT4.0), 460k €, Federal Ministry of Education and research, (2017-2021).	920
5.	Digitisation of academic environments, Internal research fund, Duesseldorf University of Applied Sciences, 40kEuro, (2017-2018).	80
6.	EnerFlow – Life Cycle orientated evaluation and optimisation of energy flows in mobil production machines on the example of a forage harvester, Federal Ministry of Education and Research, 270kEuro, (2014-2017).	540

7.	Study of the working environment and improvement of an automotive supplier in Romania, Industry, 10kEuro, (2016).	20
8.	Service concept for an international manufacturer of ropeways, Industry, 20kEuro, (2015).	40
9.	Life Cycle Care Index, Industry, 25kEuro, (2015).	50
10.	Hardware in the loop reserch project, Ministry for Science, Research and Culture NRW, 75 kEuro, (2014).	150
11.	Establishment of a participative planning environment for the optimisation of production structure , Ministry for Science, Research and Culture NRW, 30kEuro, (2012).	60
12.	Lifecycle calculation for measurement systems („WiMess“), AiF , 140kEuro, (2006-2008).	280
13.	Life Cycle Management in production (Network of excellence „VRL KCiP“), EU, Network of Excellence, 200kEuro, (2004-2008).	400
14.	Electronic services for production optimisation (Network of excellence „VRL KCiP“), EU, Network of Excellenc, 200 Keuro, (2004-2008).	400

2.5.2 Membru în echipă/ Research team member

1.	Development of a business concept for an innovative heat management system in private households, Federal Ministry of Education and Research , 60kEuro, (1999-2000).	4
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2.6 Coordonare/dezvoltare laborator/centru cercetare / Coordinatig/laboratory development/ research center

1.	Eye tracking research Laboratory at HSD, Ministry for Science, Research and Culture NRW, 96kEuro, (2012-2016).	40
2.	Establishment of a researcher group in the area of energy efficiency, Federal Ministry of Education and Research, 360kEuro, (2009-2011).	40

A3. Recunoașterea și impactul activității

3.1 Vizibilitate in baze de date internaționale

3.1.1 Citări în articole indexate ISI, selecție.

5/15/2019 Web of Science [v.5.32] - Web of Science Core Collection Marked Lists

1.	Articol citat: Niemann Jörg , Pisla Adrian Sustainable Potentials and Risks Assess in Automation and Robotization Using the Life Cycle Management Index Tool—LY-MIT. Sustainability 2018, 10, 4638.	1
Articole care citează		Punctaj
1.	Paul Tucan, Calin Vaida, Nicolae Plitea, Adrian Pisla, Giuseppe Carbone, Doina Pisla Risk-Based Assessment Engineering of a Parallel Robot Used in Post-Stroke Upper Limb Rehabilitation	0.83

1.	Articol citat: Bolte, Sophia; Dehmer, Joanna; Niemann, Jörg , DIGITAL LEADERSHIP 4.0, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Volume: 61, Issue: 4, Pages: 637-646, Published:NOV 2018	1
Articole care citează		Punctaj
1.	Pisec, Iaroslav Francisc; Blaga, Florin Sandu; Oancea, Gheorghe, "A FEATURE RECOGNITION AND EXTRACTION METHOD USED TO DEVELOP A CAPP MODEL FOR "L-BLOCK" FAMILY OF PARTS", ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING , Volume: 62, Issue: 1, Pages: 201-210, Published: MAR 2019	1.66

1.	Articol citat: Westkämper, Engelbert; Niemann, Jörg ; Dauensteiner, Alexander: "Economic and ecological aspects in product life cycle evaluation". In: Proceedings of the Institution of Mechanical Engineers. Part B: Journal of Engineering Manufacture 215 (2001), Nr. B5, S. 673-681	5
Articole care citează		Punctaj
1.	Cavalcante, J. Gzara, L. Product-Service Systems lifecycle models: Literature review and new proposition, Procedia CIRP, 73, pp. 32-38, 2018.	2.5
2.	Cao, Hui; Folan, Paul, Product life cycle: the evolution of a paradigm and literature review from 1950-2009", PRODUCTION PLANNING & CONTROL, Volume: 23, Issue: 8, Pages: 641-662, Published: 2012	2.5
3.	Rojo, F. J. Romero; Roy, R.; Shehab, E.; et al., A cost estimating framework for electronic, electrical and electromechanical (EEE) components obsolescence within the use-oriented product-service systems contracts, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE, Volume: 226, Issue: B1, Pages: 154-166, Published: JAN 2012.	1.25
4.	Cao, H.; Folan, P.; Mascolo, J.; et al., RFID in product lifecycle management: a case in the automotive industry, INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUFACTURING, Volume: 22, Issue: 7, Pages: 616-637, Published: JUL 2012.	1.66

5.	Koruca, H.I. Stowasser, S. Ozdemir, G. Orhan, H. Aydemir, E. Evaluation of working life quality for a textile company in turkey: A case study, Gazi University Journal of Science, 24(1), pp. 101-112, 2011.	1
6.	Abugharbieh, D. Harmon, R. Enabling ecologically sustainable global development for the semiconductor capital equipment industry, Portland International Conference on Management of Engineering and Technology, 3,4077508, pp. 1171-1179, 2006.	2.5
7.	Suomala, P. LIFE CYCLE PERSPECTIVE IN THE MEASUREMENT OF NEW PRODUCT DEVELOPMENT PERFORMANCE, Advances in Business Marketing and Purchasing, 13, pp. 523-700, 2004.	5

1.	Articol citat: Niemann, J. Tichkiewitch, S. Westkamper, E. Vánca, J. Xirouchakis, P., Design of sustainable product life cycles, Book pp. 1-209, Springer Verlag, Heidelberg Berlin, 2009	35
Articole care citează		Punctaj
1.	Ashton E.G. Analysis of footwear development from the design perspective: Reduction in solid waste generation, Strategic Design Research Journal 11(1), pp. 2-8, 2018.	5
2.	Cudok, A. Huth, T. Inkermann, D. Vietor, T. Life cycle development - A closer look at strategies & challenges for integrated life cycle planning & upgrading of complex systems, Proceedings of the International Conference on Engineering Design, ICED 5(DS87-5), pp. 209-218, 2017.	1.66
3.	Rivera, J.L. Lallmahomed, A. Environmental implications of planned obsolescence and product lifetime: a literature review, International Journal of Sustainable Engineering, 9(2), pp. 119-129, 2016.	2.5
4.	Kamaryt, T. Kleinova, J. Overall handling equipment efficiency and maintenance systems, IEEE International Conference on Industrial Engineering and Engineering Management 2016-January,7385766, pp. 838-842, 2016.	2.5
5.	Osman, K. Pervan, D. Tomaš, Ž. Methodology for energy efficient design of cooling plants, Proceedings of International Design Conference, DESIGN DS 84, pp. 853-864, 2016.	2.5
6.	Vieira, D.R. Vieira, R.K. Chain, M.C. Elements of managerial integration for sustainable product lifecycle management, International Journal of Product Lifecycle Management, 9(2), pp. 87-107, 2016.	1.66
7.	Wang, S.H.-M. Chang, S.-P. Shi, Determination of sustainable design-centered factors for manufacturing bioprinting material of polylactic acid, ASME 2015 International Manufacturing Science and Engineering Conference, MSEC 2015 2, 2016.	2.5
8.	Wollschlaeger, M. Schrieber, R. Ullemeyer, M. Life-cycle-management in automation-models and strategies, IECON Proceedings (Industrial Electronics Conference) 7048869, pp. 2578-2584, 2014.	1.66
9.	Kuzmanović, S. Vereš, M. Rackov, M. Possible ways of reducing the number of gears in universal gear units, Transactions of Famena , 38(1), pp. 77-86, 2014	1.66

10.	Reichel, T. Runger, G. SP-AHP: An IT system for collaborative multi-criteria decision-making, <i>Advances in Intelligent Systems and Computing</i> , 261, pp. 59-70, 2014.	2.5
11.	Kamaryt, T. Kleinova, J. Approaches to the maintenance management in industrial companies: Requirements and assumptions, <i>Vision 2020: Sustainable Growth, Economic Development, and Global Competitiveness - Proceedings of the 23rd International Business Information Management Association Conference, IBIMA 2014 1</i> , pp. 1191-1196, 2014.	2.5
12.	Zheng, C. Bricogne, M. Le Duigou, J. Eynard, B. Mechatronic design process: A survey of product data model, <i>Procedia CIRP</i> , 21, pp. 282-287, 2014.	1.25
13	Vadoudi, K. Troussier, N. Zhu, T.W. Toward sustainable manufacturing through PLM, GIS and LCA interaction, 2014 International Conference on Engineering, Technology and Innovation: Engineering Responsible Innovation in Products and Services, ICE 2014.	1.66
14.	Stark, R. Grosser, H. BeckmannDobrev, B. Werling, M. Wild, H. Advanced technologies in life cycle engineering, <i>Procedia CIRP</i> , 22(1), pp. 3-14, 2014.	1
15.	Zhang, F. Rio, M. Allais, R. MercierLaurent, E. Buclet, N. Toward an systemic navigation framework to integrate sustainable development into the company, <i>Journal of Cleaner Production</i> , 54, pp. 199-214,2013.	1
16.	Lindow, K. Woll, R. Inoue, M. Ishikawa, H. Stark, R. Approaches for sustainability assessment in the conceptual design phase, <i>CIRP Design 2012 - Sustainable Product Development</i> pp. 377-38, 2013.	1
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2.	Jörg Niemann and Adrian Pisla, Sustainable Potentials and Risks Assess in Automation and Robotization Using the Life Cycle Management Index Tool—LY-MIT, Sustainability 2018, 10(12), 4638; https://doi.org/10.3390/su10124638 , (20 pages, IF= 2.075)
3.	Niemann J., Pisla A., "Factory Layout Design and Optimisation Using Plavis Vistable", ICPR -2014 International Conference on Production Research – Regional Conference Africa, Europe and Middle East, 3rd International Conference on Quality and Innovation in Engineering and Management, 1-5 July 2014, Cluj-Napoca, Romania, pp. 358-363, ISBN: 978-973-662-978-5(2014).
4.	Niemann J., Reich B., Stöhr C., Pisla A. , "PROCESS ANALYSIS FOR A ROMANIAN AUTOMOTIVE MANUFACTURER", ICPR – QIEM 2016, International Conference on Production Research – Africa, Europe and the Middle East, 4th International Conference on Quality and Innovation in Engineering and Management, Proceedings, ISBN 978-606-737-180-2, pag. 87-91, 25-30 July , Cluj-Napoca, Romania (2016).
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6.	Niemann, Jörg; Dehmer, Joanna: A business tool to measure industrial service performance – the total care index. In: 2016 International Conference on Production Research – Africa, Europe, Middle East 4th International Conference on Quality and Innovation in Engineering and Management, July 25-30, 2016, Cluj-Napoca, Romania
7.	Niemann, Jörg; Reich, Benedikt, Stöhr, Carsten, Pisla Adrian: Process analysis for a Romanian automotive manufacturer. In: 2016 International Conference on Production Research – Africa,

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9.	Niemann, Jörg; Dehmer, Joanna: A life cycle oriented evaluation and optimization of mobile production machines on the example of a forage harvester. In: 2016 International Conference on Production Research – Africa, Europe, Middle East 4th International Conference on Quality and Innovation in Engineering and Management, July 25-30, 2016, Cluj-Napoca, Romania
10.	Niemann, Jörg; Fussenecker, Schlösser, Martin, Claudia: Benefiting from users view – improving work environments with the eye tracking technology. In: 2016 International Conference on Production Research – Africa, Europe, Middle East 4th International Conference on Quality and Innovation in Engineering and Management, July 25-30, 2016, Cluj-Napoca, Romania
11.	Niemann, Jörg; Fussenecker, Claudia: Improved service design by using eye tracking technologies in mechanical engineering, in: 2014 International Conference on Production Research – Africa, Europe, Middle East 3rd International Conference on Quality and Innovation in Engineering and Management, July 02-04, 2014, Cluj-Napoca, Romania
12.	Niemann, Jörg; Westkämper, Engelbert: Dynamic Life Cycle Performance Simulation of Production Systems. In: Brissaud, Daniel (Ed.) u.a.; CIRP u.a.: Innovation in Life Cycle Engineering and Sustainable Development : Selection of Papers of the 12th CIRP International Conference on Life Cycle Engineering, Grenoble, France, in April 2005. Dordrecht, NL : Springer, 2006, S. 419-428
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16.	Westkämper, Engelbert; Niemann, Jörg; Stolz, Marcus: Digital information - potentials for TeleX applications. In: Proceedings of the Institution of Mechanical Engineers. Part B: Journal of Engineering Manufacture 216 (2002), Nr. 5, S. 801-808
17.	Westkämper, Engelbert; Niemann, Jörg; Dauensteiner, Alexander: Economic and ecological aspects in product life cycle evaluation. In: Proceedings of the Institution of Mechanical Engineers. Part B: Journal of Engineering Manufacture 215 (2001), Nr. B5, S. 673-681

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3.2 Prezentări efectuate ca invitat/invitată în plenul unor manifestări științifice naționale și internaționale și Profesor invitat

3.2.1 internaționale

1.	4th Technical Colloquium, June 21st, 2007, Salzburg, Austria. Ried, A, 2007	20
2.	Bundesakademie für Wehrverwaltung und Wehrtechnik: Symposium Life-Cycle Management : 31.01. - 02.02.2005, Mannheim. Mannheim, 2005	20
3.	Fraunhofer-Institut für Produktionstechnik und Automatisierung IPA u.a.: Aufbau und Einführung eines effizienten Anlagen-Controlling : 31.3.-1.4. 2003 in Frankfurt/Main, 8.-9. Mai 2003 in München, 21.-22. Mai 2003 in Düsseldorf. Frankfurt/Main	40

3.3 (a) Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice/(b) Recenzor pentru reviste și manifestări științifice naționale și internaționale indexate ISI

3.3.1 indexate ISI

1.	International Conference on Production Research, Regional Conference Africa Europe and the Middle East (ICPR- AEM), Cluj, Napoca, Romania, 2018	10
2.	International Conference on Production Research, Regional Conference Africa Europe and the Middle East (ICPR- AEM), Cluj, Napoca, Romania	10
3.	4th International Conference on Quality and Innovation in Engineering and Management (QIEM), Cluj, Napoca, Romania, 2016	10
4.	International Conference on Production Research, Regional Conference Africa Europe and the Middle East (ICPR- AEM), Cluj, Napoca, Romania, 2014	10
5.	3rd international Conference on Quality and Innovation in Engineering and Management (QIEM), Cluj, Napoca, Romania, 2014	10
6.	Reviewer for the journal Sustainability (ISSN 2071-1050) since 2018	10

3.3.2 indexate BDI

1.	[1] Founding member of the Advisory Board in the 1st International Conference on Advanced Production Management and Process Control (APMPC) - AHFE2018, July 22-26, Orlando, Florida, USA	8
2.	International Conference on Competitive Manufacturing – COMA 2019, Stellenbosch, South Africa, 30 January to 1 February 2019	8
3.	International Conference on Manufacturing Engineering and Process (ICMEP 2018), Barcelona, 2018	8
4.	International Conference on Mechanical and Aerospace Systems (ICMAS 2018), March 16-19,2018, Chengdu, China	8
5.	International Conference on Manufacturing Engineering and Process (ICMEP 2017), Lisbon Portugal, 2017	8
6.	The 4th International Conference on Manufacturing and Industrial Technologies (ICMIT 2017),	8

7.	AFSMI Conference on Service Engineering & Management: Service Life Cycle Management - Theorie und Praxis im Wechselspiel, 2014, Düsseldorf, Gemany	8
8.	6th International Conference on Engineering Design and Automation: Engineering Practice & Education. Maui, USA, 2002	8
9.	5th International Conference on Engineering Design and Automation, Las Vegas, USA, 2001	8
10.	4th International Conference on Engineering Design and Automation, Orlando, Florida, USA, 2000	8
11.	17th IEEE Conference on Business Informatics, Lisbon, Portugal, 2015	8

3.4 Experiență de management, analiză și evaluare în cercetare și/sau învățământ

3.4.1 Conducere

1.	Head of department "Control Life Cycle Services Automation", ABB Automation, 2008-2012	20
2.	Full Professor at Duesseldorf University of Applied Sciences, 2012- today	35
3.	Scientific research Programm evaluator, Bavarian Ministry of Economics, Media, Energie and Technology, 2014	5
4.	External evaluator in 2 commissions for the appointment procedures to professorship at Hochschule Rhine Wal, Hochschule Ruhr West 2017-2018	5
5.	Evaluator for the teaching competence as the final criterion to evaluate the qualification for a professorship 2018	5

3.4.2 Membru

1.	Member of 3 commissions for the appointment procedures to professorship at Hochschule Duesseldorf (2014-2018)	2
2.	Member of the Senate of Duesseldorf University of applied sciences (2018-today)	2
3.	Member of the commission for quality improvement at the faculty (2014-today)	2

3.5 Premii

3.5.3 Premii internaționale

1.	Awarded Scholarship for a study abroad, awarded by the the Faculty of Business Administration, the University of Paderborn	10
2.	Awarded Scholarship for a overseas training, by the German Academic Exchange Service (DAAD) 08/1995	10
3.	Award of the German army for the implementation of a standard procedure for the phone-based anamnesis of patients 02/1998	10
4.	Appointment of "Honorary Profesor" by the TU Klausenburg (Romania) 02/2002	10
5.	Innovation award ABB Europe for the development and successful introduction of the Life Cycle Index®. Awarded by ABB 12/2009	10
6.	Innovation award Service ABB Global for the development and successful market introduction of the IT Cyber Security Fingerprints. Awarded by ABB 06/2012	10
7.	High-Tech-Service Know how Transfer special award for the developement of an academic studies programme in the area of service engineering &	10

	management. Awarded by the Association of Service management (AFSMI) 12/2014	
8	„Fellowship for innovations in academic teaching”, awarded by the ministry of culture and science of the state of Northrhine-Westfalia. Awarded 01/2019	10

3.6 Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării

3.6.4.1 internaționale

1.	Board member of the German Association of Engineering (VDI), regional association Niederrhine	5
2.	Member of the Association of Service Management (AFSMI), German Chapter	5

3.6.5 Organizații în domeniul educației și cercetării

1.	Member of the graduate institute of Northrhine Westfalia	5
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Cluj-Napoca
May 21, 2019


Prof. Dr.-Ing. Dipl.-Wirt. Ing. Jörg Niemann