

Matteo STRANO is *associate professor* at the Dipartimento di Meccanica, Politecnico di Milano. Formerly, he had been assistant professor at the University of Cassino (from 2001 until 2008) and at the Politecnico (from 2009 to 2014).

His current research interests are aimed at 1) the study and improvement of tube and sheet metal forming processes (e.g. hydroforming and bending), 2) advanced machining processes (e.g. cryogenic machining), 3) innovation in machine tools (e.g. design of machine tools with new materials such as cellular metals), 4) new methods for optimization under uncertainty of processes through the FEM. He has personally proposed, obtained funding and managed several research projects both with public and private funding.

He has taught a very large number of university classes at all levels of studies (undergraduate, graduate and Ph.D.) with full responsibility, with an average of about 12 credits per year since 2001. He currently teaches: “Advanced manufacturing processes” for the Master program in Mechanical Engineering, “Principi di progettazione e Tecnologia Meccanica” for the bachelor in Mechanical Engineering. The full list of classes taught is reported below.

He is one of the coordinators for industrial stages and internships of Mechanical Engineering students of Dipartimento di Meccanica.

He frequently works with the industry and many of the master and PhD theses he has supervised have been developed in cooperation with industrial companies. He regularly plans and teaches courses of continuous education for industrial personnel, working with several companies (e.g. Agusta, FCA, Coxa, BLM, MSA and several others). He frequently cooperates with industrial companies (e.g. BLM, DMG, AEE, SICA and several others) as technical advisor or for research activities and projects.

MEMBERSHIPS and COMMITTEES

He is a member of the Scientific-Technical Committee of MUSP, a public-private consortium located in Piacenza. He leads a small research group at the lab MUSP (Macchine Utensili e Sistemi di Produzione),

He is a member of the scientific board of ESAFORM (European Scientific Association for Material Forming) and he is chairman for the mini-symposium “Optimization and inverse analysis” of Esaform

He is chairman of the mini-symposium “Advances in metal forming” of the ASME (American Society of Mechanical Engineers) - MSEC scientific conference. He has been guest editor for a special issue of the ASME Journal of Manufacturing Science and Engineering.

He is the coordinator of the editorial board of the technical magazine “Lamiera”.

He is a former member of the editorial board of the technical magazine “Macchine Utensili”.

He is a stable reviewer for international journals such as: “Journal of Manufacturing Processes”, “Journal of Cleaner Production”, “International Journal of Machine Tools and Manufacture”, “Int. J. of Materials and Product Technology”, “International Journal of Material Forming”, “Journal of Manufacturing Science and Engineering”.

He is a member of AITeM (Associazione Italiana di Tecnologia Meccanica) and former Secretary of the AITeM chapter “FLT-Formatura della lamiera e dei tubi” (Tube and sheet metal forming).

He is a registered expert and regular reviewer of research projects for the Italian Ministry of Research (MIUR), for the Latvian Council of Science and for the European commission Research & Innovation portal.

EDUCATION

He took his Master degree in 1996 at the Politecnico di Milano in Industrial engineering with a thesis on Abrasive Waterjet Cutting of Aluminum Sheets.

He took his Ph.D. in 2002 at the Politecnico di Milano with a thesis on FEM Simulation of the Tube Hydroforming Processes. He spent half of the doctoral studies at the Ohio State University (Engineering Research Center for Net Shape Manufacturing).

LIST OF UNIVERSITY COURSES TAUGHT

Years	University	Course title	Level	no. of credits	average no. of students
since 2013	Politecnico	<i>Advanced manufacturing processes</i>	Graduate.	10	160
since 2009	Politecnico	<i>Manufacturing Technology I For Energy Engineers</i>	Underg.	5	120
2011 to 2014	Politecnico	<i>FEM Simulation of Forming Processes</i>	Graduate	6	4
2011 and 2013	Politecnico	<i>Materials and Manufacturing Processes For Energy</i>	Graduate	4	25
2009 to 2013	Politecnico	<i>Manufacturing Technology II</i>	Graduate.	10	15
2006 to 2008	Cassino	<i>Statistical Design of Experiments</i>	Ph.D.	2	5
2004 to 2008	Cassino	<i>Flexible Manufacturing</i>	Graduate	5	3
2003 to 2008	Cassino	<i>Planning and control of Mechanical Production</i>	Underg.	4	7
2005 and 2007	Cassino	<i>Planning of manufacturing processes</i>	Post-Master	2	25
2006	Cassino	<i>Transfer of research and Intellectual property</i>	Ph.D.	2	5
2006	Cassino	<i>Computer Aided Manufacturing</i>	Graduate	5	8
2001 to 2003	Cassino	<i>Unconventional Technologies</i>	Graduate	9	12
2002	Cassino	<i>CAD/CAM systems and techniques</i>	Underg.	4	8

BIBLIOMETRIC DATA AND LIST OF PUBLICATIONS

He is the author of about 100 publications of different kinds in the field of manufacturing systems and processes. The Scopus database lists 44 published documents, which scored a total of 280 citations (excluding self-citations), with an h-index of 9. According to [Google Scholar](https://scholar.google.com/citations?user=...), his works have received more than 500 citations.

MAIN JOURNAL PUBLICATIONS

He is the author of 25 papers in peer reviewed international journals

publication
[O1] Design of Deformable Tools for Sheet Metal Forming, L Iorio, L Pagani, M Strano, M Monno, Journal of Manufacturing Science and Engineering 138 (9), 094701, 2016
[O2] Application of the Kalai-Smordinsky approach in multi-objective optimization of metal forming processes, L Iorio, L Fourment, S Marie, M Strano, (2016). International Journal of Material Forming , 1-12
[O3] Paul, A., & Strano, M. (2016). <i>The influence of process variables on the gas forming and press hardening of steel tubes</i> . Journal of Materials Processing Technolog , 228.
[O4] M Strano, A Marra, V Mussi, M Goletti, P Bocher, <i>Endurance of Damping Properties of Foam-Filled Tubes</i> , Materials 8 (7), 4061-4079
[O5] M Strano, P Albertelli, E Chiappini, S Tirelli, <i>Wear behaviour of PVD coated and cryogenically treated tools for Ti-6Al-4V turning</i> , International Journal of Material Forming 8 (4), 601-611
[O6] Colosimo, B. M., Pagani, L., & Strano, M. (2015). <i>Reduction of calibration effort in FEM-based optimization via numerical and experimental data fusion</i> . Structural and Multidisciplinary Optimization .
[O7] Chiappini, E., Tirelli, S., Albertelli, P., Strano, M., & Monno, M. (2014). On the mechanics of chip formation in Ti-6Al-4V turning with spindle speed variation. International Journal of Machine Tools and Manufacture , 77, 16–26.
[O8] Iorio, L., Maspero, E., Strano, M., 2014. <i>Hydroforming of locally heat treated tubes</i> . J. Manuf. Process. 16, 157–165.
[O9] Strano, M., Chiappini, E., Tirelli, S., Albertelli, P., Monno, M., 2013. <i>Comparison of Ti6Al4V machining forces and tool life for cryogenic versus conventional cooling</i> . Proc. Inst. Mech. Eng. Part B J. Eng. Manuf. 227, 1403–1408.
[O10] Strano, M., Pourhassan, R., Mussi, V., 2013. <i>The effect of cold rolling on the foaming efficiency of aluminium precursors</i> . J. Manuf. Process. 15, 227–235.
[O11] Strano, M., Monno, M., Rossi, A., 2013. <i>Optimized design of press frames with respect to energy efficiency</i> . J. Clean. Prod. 41, 140–149.
[O12] Strano, M., Villa, A., Mussi, V., 2013. <i>Design and manufacturing of anti-intrusion bars made of aluminium foam filled tubes</i> . Int. J. Mater. Form. 6, 153–164.
[O13] Mentella, A., Strano, M., 2012. <i>Rotary draw bending of small diameter copper tubes: predicting the quality of the cross-section</i> . Proc. Inst. Mech. Eng. Part B J. Eng. Manuf. 226(2), 267–278.
[O14] M. Strano, 2011, <i>A New FEM Approach for Simulation of Metal Foam Filled Tubes</i> , Journal of Manufacturing Science and Engineering , 133, 061003, 1-11.
[O15] Del Prete, A., Primo, T., Strano, M., 2010. <i>The use of FEA packages in the simulation of a drawing operation with springback, in the presence of random uncertainty</i> . Finite Elem. Anal. Des. 46, 527–534.
[O16] M. Strano, <i>A technique for FEM optimization under reliability constraint of process variables in sheet metal forming</i> , International Journal of Material Forming Vol 1, N. 1 March 2008. DOI: 10.1007/s12289-008-0001-8.
[O17] A Mentella, M Strano, R Gemignani, 2008, <i>A new method for feasibility study and determination of the loading curves in the rotary draw-bending process</i> , International Journal of Material Forming 1 (1), 165-168

[O18]	Classification of problems under uncertainty, in fem-based analysis and design of sheet metal forming operations, M Strano, A Burdi, 2007, Key Engineering Materials 344, 817-824
[O19]	M. Strano, <i>Optimization under uncertainty of sheet metal forming processes by the FEM</i> , Proc. IMechE Vol. 220 Part B: J. Engineering Manufacture , 2006, pp. 1305-1315. [http://dx.doi.org/10.1243/09544054JEM480]
[O20]	M. Strano, <i>Technological representation of forming limits for negative incremental forming of thin aluminium sheets</i> , Journal of Manufacturing Processes , vol. 7 n. 2, 2005, SME.
[O21]	M. Strano and B.M. Colosimo, Logistic regression analysis for experimental determination of forming limit diagrams, International Journal of Machine Tools and Manufacture , vol. 46, 6, 575-698, 2006, Elsevier. [http://dx.doi.org/10.1016/j.ijmachtools.2005.07.005]
[O22]	M. Strano, Automatic tooling design for rotary draw bending of tubes, The International Journal of Advanced Manufacturing Technology , vol. 26, m. 7-8, 2005, pp. 733-740. Springer.
[O23]	M. Strano and T. Altan, An inverse energy approach to determine the flow stress of tubular materials for hydroforming applications, Journal of Materials Processing Technology , Volume 146, Issue 1, 15 February 2004, Pages 92-96, Elsevier.
[O24]	Matteo Strano, S. Jirathearanat, Shiu-an-Guang Shr and Taylan Altan, Virtual process development in tube hydroforming, Journal of Materials Processing Technology , Volume 146, Issue 1, 15 February 2004, Pages 130-136, Elsevier.
[O25]	M. Strano, L. Gao, S. Motsch, Classification and analysis of tube hydroforming processes with respect to adaptive FEM simulations, Journal of Materials Processing Technology , Vol. 129, no. 1, ottobre 2002, pp. 261-267, Elsevier.
[O26]	Gao, L.; Strano, M. FEM analysis of tube pre-bending and hydroforming, Journal of Materials Processing Technology Volume: 151, Issue: 1-3, September 1, 2004, pp. 294-297, Elsevier.
[O27]	M. Strano, T. Altan, S. Jirathearanat, <i>Adaptive FEM Simulation for Tube Hydroforming: a Geometry-Based Approach for Wrinkle Detection</i> , Cirp Annals-Manufacturing Technology Volume: 50 Issue: 1 Pages: 185-190, 2001.

Chapters in Research Books

He is the author of 3 chapters in research book

	publication	ISI citations	Scopus citations
[B1]	M. Strano, <i>Design and modelling of parts, process and tooling in tube hydroforming</i> , chapter in: Hydroforming for advanced manufacturing, edited by Muammer Koç, Woodhead Publishing: Cambridge 2008.	2	2
[B2]	M. Strano, M. Monno, <i>Optimal selection of AWJ process parameters</i> , chapter in: Water jet, a flexible technology, edited by Monno, Annoni, Ravasio, Polipress, Milano, 2007.	n.a.	n.a.
[B3]	A. Mentella, M. Strano, M. Skrikerud. New potential applications for tube and sheet hydroforming in furnishing and household hardware. MAT INFO, 2010.	n.a.	n.a.

Patents

He is the author of 2 patent proposals

	patent	Google scholar citations
[P1]	Gemignani, R., Strano, M., 2012. <i>Method for bending pipes, rods, profiled sections and similar blanks, and corresponding device</i> . US 8141403 B2.	2
[P2]	Annoni, Strano, Giberti, PTC deposited, <i>Dispositivo per la fabbricazione additiva diretta mediante estrusione di polveri metalliche e ceramiche su una tavola a cinematica parallela</i> .	n.a.

Papers in peer reviewed international conferences

- [C1] Tirelli, S., Chiappini, E., Strano, M., Monno, M., & Semeraro, Q. (2015). Economical Comparison of Cryogenic Vs . Traditional Turning of Ti-6Al- 4V : a Case Study. In *Key Engineering Materials - Proceeding of Esaform* (Vol. 651–653, pp. 1204–1210). Graz. <http://doi.org/10.4028/www.scientific.net/KEM.651-653.1204>
- [C2] Iorio, L., Fourment, L., Marie, S., & Strano, M. (2015). Multi-objective optimization of metal forming processes based on the Kalai and Smorodinsky solution. In *Key Engineering Materials - Proceeding of Esaform* (Vol. 651–653, pp. 1387–1393). Graz. <http://doi.org/10.4028/www.scientific.net/KEM.651-653.1387>
- [C3] Iorio, L., Strano, M., & Monno, M. (2015). Development of a Die Compensation Algorithm for Sheet Metal Stamping With Deformable Tools. In *Proceedings of the ASME MSEC International Conference, Vol. 1: Processing* (p. V001T02A089). Charlotte, NC (USA): ASME. <http://doi.org/10.1115/MSEC2015-9212>
- [C4] Strano, M., Sanchez, J. S., Mussi, V., & Monno, M. (2014). A Comprehensive Experimental Study on the Effect of Process Parameters in Warm Roll Bonding of Aluminum Sheets. In *ASME-MSEC. Volume 2: Processing* (p. V002T02A073). Detroit: ASME. <http://doi.org/10.1115/MSEC2014-4000>

- [C5] Colosimo, B. M., Pagani, L., & Strano, M. (2014). Hierarchical Metamodeling: Cross Validation and Predictive Uncertainty. *Key Engineering Materials*, 611-612, 1519–1527. <http://doi.org/10.4028/www.scientific.net/KEM.611-612.1519>
- [C6] Colosimo, B.M., Pagani, L., Strano, M., 2013. Metamodeling based on the fusion of FEM simulations results and experimental data. *Key Eng. Mater.* 554-557, 2487–2498.
- [C7] Strano, M., Albertelli, P., Chiappini, E., Tirelli, S., 2013. Experimental evaluation of innovative tools for Ti-6Al-4V turning. *Key Eng. Mater.* 554-557, 1941–1952.
- [C8] Strano, M., Chiappini, E., Tirelli, S., Albertelli, P., Monno, M., 2013. *FEM simulation of Ti6Al4V turning with SSSV*, in: Aitem Conference. San Benedetto del Tronto.
- [C9] Villa, A., Strano, M., Mussi, V., 2011. *Optimization of Design and Manufacturing Process of Metal Foam Filled Anti-Intrusion Bars*, in: AIP Conference Proceedings 1353. pp. 1656–1661.
- [C10] Monno M., Mussi, V., Negri, D., Strano, M., Monno, M., Musp, L., 2011. *Microstructural characterisation of Al foam/ steel interface formed during foaming process in argon flow*, in: Proceedings of the 10th AITeM Conference. Naples.
- [C11] Strano, M., Colosimo, B.M., Castillo, E. Del, 2011. *Improved design of a three roll tube bending process under geometrical uncertainties*, in: AIP Conference Proceedings 1353. pp. 35–40.
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- [C14] Strano, M., 2010. Metal Foam Filled Hydroformed Tubes: Production And FEM Simulation, in: ASME MSEC 2010. Erie, PA (USA).
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- [C16] Farina, S., Gemignani, R., Mentella, A., Strano, M., 2009. *Tube free bending: a new index for the control of the cross section quality*, in: Proceedings of the 9th AITeM Conference. Turin.
- [C17] Matteo Strano, Antonio Del Prete, Teresa Primo, Alessia Mentella, *Localized Warming of Sheet Metal Parts for the Reduction of Springback*. Numisheet 2008, Interlaken.
- [C18] Antonio Del Prete, Barbara Manisi, Matteo Strano, *Sheet Metal Hydromechanical Deep Drawing Process Optimization*. Numisheet 2008, Interlaken.
- [C19] A. Mentella, M. Monno, V. Mussi, M. Strano, *Production of metallic foam-filled hydroformed tubes as structural parts*. 2nd International Symposium on Cellular Metals for Structural and Functional Applications, Dresden 2008.
- [C20] Carrino, L., Durante, M., Franchitti, S., Strano, M., 2008. *On the Optimization of the Properties of Foam Filled Tubular Structure Using FEM*, in: 2nd International Symposium on Cellular Metals for Structural and Functional Applications, Dresden 2008.
- [C21] M. Strano, A. Burdi, *Classification of Problems Under Uncertainty*, in *FEM-Based Analysis and Design of Sheet Metal Forming Operations*, Key Engineering Materials, Volume 344, 2007, pp. 817-824
- [C22] M. Strano, *A Simplified Methodology for Estimating the Variance of Material Properties*, in *FE Analysis under Uncertainty of Sheet and Tube Metal Forming Processes*, Proceedings of the 9th International Conference on Numerical Methods in Industrial Forming Processes, Porto, June 2007, pp. 499-504.
- [C23] Strano Matteo, Carrino Luigi, Gemignani Roberto, *CNC Tube Bending with variable radius*, Proceedings of the 8th AITEM Conference, Montecatini, 10-12 settembre 2007
- [C24] L. Carrino, N. Di Meo, G. Giuliano and M. Strano, *The Effect of the Punch Radius in Incremental Forming Processes*, 2nd I*PROMS Virtual International Conference on Intelligent Production Machines and Systems, July, 2006.
- [C25] M. Strano, *A technique for FEM optimization under uncertainty of time-dependent process variables in sheet metal forming*, 9th International ESAFORM Conference on Material Forming, Glasgow (UK), April 2006
- [C26] M. Strano, B. M. Colosimo, *Ordinal Logistic Regression Analysis for Statistical Determination of Forming Limit Diagrams*, 9th International ESAFORM Conference on Material Forming, Glasgow (UK), April 2006.
- [C27] L. Carrino, N. Di Meo, L. Sorrentino, M. Strano, *The influence of friction in the negative dieless incremental forming process*, 9th International ESAFORM Conference on Material Forming, Glasgow (UK), April 2006.
- [C28] M. Strano, *Robustness Evaluation And Tolerance Prediction For A Stamping Process With Springback Calculation By The FEM*, Numisheet 2005, edited by L. M. Smith, F. Pourboghrat, J.-W. Yoon, and T. B. Stoughton, agosto 2005, pp. 266-271.
- [C29] M. Strano, *Negative dieless incremental forming process of thin aluminum sheets*, Innovations in Metal Forming, Brescia, Settembre 2004.
- [C30] M. Strano, L. Sorrentino, L. Carrino, *Some issues about tools and friction in the negative dieless incremental forming process*, Proc. of the 10th Metal Forming, Cracovia, Settembre 2004, pp. 345-350.
- [C31] M. Strano, L. Carrino, *Adaptive Selection of Loads During FEM Simulation of Sheet Forming Processes*, NUMIFORM, Columbus (OH), Giugno 2004, pp.802-807.
- [C32] M. Strano, M. Ruggiero, L. Carrino, *Representation of forming limits for negative incremental forming of thin sheet metals*, Proc. of IDDRG, Siendelfingen, Germany, Maggio 2004, pp. 198-207.
- [C33] L. Carrino, M. Strano, L. Sorrentino, *Influence of the Winding Tension on the Mechanical Properties of Composite Parts Manufactured by a Robotic Filament Winding Cell*, Advancing with Composites, Milano, maggio 2003, pp. 11-19.
- [C34] M. Strano, L. Carrino, *A Comprehensive Process Design Methodology for Rotary Draw Bending of Tubes*, 6th International ESAFORM Conference on Material Forming, Salerno, Vol. 6, aprile 2003, pp. 239-242.
- [C35] L. Carrino, M. Strano, D. Paglia, *E-learning as a support tool for traditional class teaching*, VI AITEM Conference, Gaeta, Vol. 6, 2003.
- [C36] M. Strano, *Incremental forming processes: current and potential applications*, SME Technical Paper no. MF03-114, 2003.
- [C37] L. Carrino, M. Strano, G. Klinger, P. Zambelli Tunder, *Development of a Process Design Tool for Rotary Draw Bending of Tubes*, VI Aitem Conference, Gaeta, Vol. 6, settembre 2003.
- [C38] Altan Taylan, Gao Lin, Strano Matteo, *FEM Analysis of Tube Prebending And Hydroforming*. ChinaPAM 2002, Beijing.
- [C39] M. Strano, L. Carrino, *Towards a General Quality Indicator For Adaptive Fem Simulation of Sheet Forming Processes*, 6th AMST, Udine, Vol. 6, giugno 2002.

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- [C41] M. Strano, T. Altan, FEA Simulation Strategies for Tube Hydroforming, V AITEM, Bari, Vol. II, 2001, pp. 453-462.
- [C42] Altan T., Jirathearanat S., Shr S. G., Strano M (2001). Adaptive Fem Process Simulation For Hydroforming Tubes. In: Siegert K.. Hydroforming Of Tubes, Extrusions And Sheet Metals. P. 363-384, Siegert K., Isbn: 3-88355-301-8
- [C43] Altan Taylan, Jirathearanat Suwat, Strano Matteo, *Virtual Product And Process Development In Tube Hydroforming: State Of The Technology And New Developments*, Wirkmedienbasierte Umformung von Rohren und Blechen, Essen (Germany), 2001.
- [C44] M. Strano, T. Altan, S. Jirathearanat, Adaptive FEM Simulation for Tube Hydroforming: a Geometry-Based Approach for Wrinkle Detection, *Annals of 51st CIRP*, 2001. Nancy (France).
- [C45] Altan T., Jirathearanat S., Strano Matteo, *Tube Hydroforming: Process Variables And Recent Developments*, PMA Metalform, Detroit (USA), 2001.

Other scientific and technical publications

- [O1] Stefano Tirelli, Elio Chiappini, Matteo Strano, 2014, Lavorazioni criogeniche su titanio aeronautico: analisi di un caso applicativo; Macchine Utensili ottobre.
- [O2] Strano, M., 2013. *Il taglio laser con sistemi ad assi ridondanti*. Lamiera 54–56.
- [O3] Vitelli, A., Grasso, M., Strano, M., Colosimo, B.M., 2013. *Nuove soluzioni nella foratura di materiali compositi e ibridi di impiego aeronautico*. Macch. Utens. 2013, 40–44.
- [O4] Addante, G., Monno, M., Strano, M., 2012. *Lavorazione criogenica: uno stato dell'arte*. Macch. Utens. 18–22.
- [O5] Pittalà, G., Strano, M., 2011. *Strategie “spline” per la fresatura veloce di tasche*. Macch. Utens. 24–30.
- [O6] Pittalà, G., Strano, M., 2011. *Valutazione delle prestazioni dinamiche di un centro di lavoro*. Macch. Utens. 18–22.
- [O7] Pittalà, G., Malchiodi, R., Strano, M., 2011. *Prove di lavorabilità della lega Ti-6al-4v*. Utens. e attrezzature 28–31.
- [O8] Pittalà, G., Strano, M., 2011. *L'utensile nella fresatura ad alta velocità*. Utens. e attrezzature 75, 20–27.
- [O9] Pittalà, G., Strano, M., 2010. *Sostenibilità nella fresatura del Titanio*. Macch. Utens. 22–26.
- [O10] Strano, M., 2010. *I piatti bipolari delle celle a combustibile*. Lamiera d, 52–55.
- [O11] A. Mentella, Strano M (2009). *Overview of sheet and tube hydroforming processes*. p. 1-16, SME Technical Paper TP09PUB84
- [O12] C. Giardini, E. Ceretti, M. Strano, *Idroformatura e riempimenti collaboranti: una nuova frontiera applicativa*, Lamiera, anno 45, n. 4, aprile 2008, pp. 54-62.
- [O13] L. Carrino, M. Strano, G. Napolitano, *Forming Processes For Thermoplastic Composites*, Macplas International, Milano, 2001, pp. 65-70.
- [O14] Strano, P. Zambelli Tunder, L. Carrino, *Come facilitare la progettazione del processo di curvatura dei tubi per stiramento*, Deformazione, n. 104, 2004, pp.78-83.
- [O15] Carrino, M. Strano, G. Napolitano, *La misura della formabilità dei tubi per idroformatura: il “bulge test” dei materiali tubolari*, Lamiera, no. 3, 2002.
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- [O17] C. Giardini, E. Ceretti, C. Contri, A. Burdi, M. Strano, *Idroformatura di tubi: proposta di un'attrezzatura sperimentale da laboratorio e studio di tecniche innovative di formatura*, Atti del Convegno sulle Lavorazioni non Convenzionali della Lamiera, Assago (MI), 2005
- [O18] M. Strano, *La formabilità dei materiali per idroformatura*, Giornata di studio sull'idroformatura, Milano, 2001.
- [O19] M. Strano. *Tube HydroForming: System Analysis and Process Design*. Ph.D. thesis. Milan, 2002.

Chapters in Educational Books

- [B4] M. Strano, *Il processo di idroformatura della lamiera*, chapter in: Manuale di lavorazione della lamiera, Milano, Tecniche Nuove, 2004
- [B5] STRANO M (2009). *Il robust design dei processi di formatura tramite simulazione numerica*. In: aa.vv.. Manuale di lavorazione della lamiera. p. 120-135, ISBN: 978-88-481-2261-0
- [B6] M. Monno, B. Previtali, M. Strano (2012). *Tecnologia meccanica. Le lavorazioni non convenzionali*. p. 1-508, ISBN: 9788825173772, Città Studi Edizioni.

“Autorizzo il trattamento dei miei dati personali ai sensi del Dlgs 196 del 30 giugno 2003”

“Autorizzo la pubblicazione di questo Curriculum su un sito web”