



SOMMAIRE

Liste des principales publications de la chaire TMCI 2016

Axe 1 : Fondements scientifiques de la théorie de la conception

Potier, O., Brun, J., Le Masson, P., and Weil, B. (2015). How innovative design can contribute to Chemical and Process Engineering development? Opening new innovation paths by applying the C-K method. In *Chemical Engineering Research and Design*, page 15, 2015.

Kazakçi, A. (2015). Data science as a new frontier for design. In *International Conference on Engineering Design*, Milan, Italy, July 2015.

Le Masson, P., Hatchuel, A., Kokshagina, O., and Weil, B. (2015). Generic technique and the dynamics of technologies: using matroid and design theory to design techniques with systemic impact. In *International Conference on Engineering Design*, Milan, Italy, July 2015a.

Brun, J., Le Masson, P., and Weil, B. (2015). Analyzing the generative effects of sketches with design theory: sketching to foster knowledge reordering. In *International Conference on Engineering Design*, Milan, Italy, July 2015a.

Freitas Salgueiredo, C., and Hatchuel, A. (2015 accepted). "Beyond analogy: A model of bio-inspiration for creative design." *AI EDAM*, (accepted) pp.

Schmid, A-F. (2015). Conclusion: Pour une histoire interdisciplinaire des sciences de la Terre et de l'Univers. Epistémologie générique, conception et intrerdisciplinarité. In Stéphane Le Gars et Guy Boistel, editor, *Dans le champ solaire. Cartographie d'un objet scientifique*, pages 221–233. Hermann, January 2015d.

Axe 2 : Outils collectifs du raisonnement dans l'inconnu et nouvelles formes d'organisation pour la conception innovante

Hooge, S. and Dalmaso, C. (2015). Breakthrough R&D Stakeholders: The Challenges of Legitimacy in Highly Uncertain Projects. *Project Management Journal*, 46(6), December 2015a.

Agogué, M., Levillain, K. and Hooge, S. (2015). Gamification of Creativity: Exploring the Usefulness of Serious Games for Ideation. *Creativity and Innovation Management*, 24(3):415–429, August 2015b.

Kokshagina, O., Le Masson, P. and Weil, B. (2015). Portfolio management in double unknown situations: technological platforms and the role of cross-application managers. *Creativity and Innovation Management*, May 2015a.

Gillier, T., Hooge, S. and Piat, G. (2015). Framing value management for creative projects: An expansive perspective. *International Journal of Project Management*, 33(4):947–960, May 2015.

Segrestin, B., Levillain, K., and Hatchuel, A. (2015) Renewing the debate on the purpose of the corporation: A purpose-driven model of the corporation. In *EURAM Conference 2015*, Warsaw, Poland, June 2015b.

Hatchuel, A., Le Masson, P., Weil, B., Agogué, M., Kazakçi, A., and Hooge S. (2015). Multiple forms of applications and impacts of a design theory -ten years of industrial applications of C-K theory. In *Impact of Design Research on Industrial Practice - Tolls, Technology and Training*. August 2015. .

Axe 3 : Approches psycho-cognitives et culturelles de la conception innovante

Agogué, M., Le Masson, P., Dalmasso, C., Houdé, O., and Cassotti, M. (2015). Resisting classical solutions: The creative mind of industrial designers and engineers. *Psychology of Aesthetics, Creativity, and the Arts*, page 10.1037/a0039414, August 2015a.

Agogué, M., and Le Masson, P. (2015). Rethinking ideation: a cognitive approach of innovation lock-ins. In *Academy Of Management*, Vancouver, Canada, August 2015.

Brun, J., Ezzat, H., and Weil, B. (2015). Managing the impacts of non-verbal devices on idea generation: a new challenge for creative leaders. In *European Academy of Management - EURAM*, Varsovie, Poland, June 2015b.

Cassotti, M., Agogué, M., Camarda, A., Houdé, O., and Borst, G. (2015 accepted). Inhibitory control as a core process of creative problem solving and ideas generation from childhood to adulthood. *New Directions for Child and Adolescent Development* (in press).

Cassotti, M., Camarda, A., Poirel, N., Houdé, O., & Agogué, M. (2015 accepted). Fixation effect in creative ideas generation: Opposite impacts of example in children and adults. *Thinking Skills and Creativity*, 19, 146-152.

Axe 4 : Les Collèges de l'inconnu : régimes de conception et dynamique des écosystèmes

Agogué, M., Lundqvist, M., and Williams Middleton, K. (2015). Mindful Deviation through Combining Causation and Effectuation: A Design Theory-Based Study of Technology Entrepreneur-ship. *Creativity and Innovation Management*, page 16, 2015.

Levillain, K., Segrestin, B., and Hatchuel, A. (2015) Reviving the debate on the Corporate Purpose: A purpose-driven model of the corporation. In *European Academy of Management (EURAM)*, W a r s a w , Poland, June 2015b.

Canet, E., Hooge, S., and Kokshagina, O. (2015). Comment se crée l'identité d'entreprise? Processus de construction dans la start-up et impact des références identitaires. In *XXIVe Conférence Internationale de Management Stratégique*, Paris, France, June 2015.

Segrestin, B., and Vernac, S. (2015). Les nouvelles formes de gouvernance et de sociétés. In Bénédicte Fauvarque-Cosson, editor, *Le droit comparé au XXIème siècle. Enjeux et défis*. Société de législation comparée, November 2015b.

Segrestin, B., Levillain, K., and Hatchuel, A. (2015). L'objet social étendu : une condition pour l'industrie. In Thierry Weil Pierre Veltz, editor, *L'industrie, notre avenir*, pages pp. 316–324. Eyrolles, January 2015d.

Hatchuel, A. (2015). De l'industrie aux nouvelles "industriations". In *L'industrie, notre avenir*, pages 37–52. 2015.

Axe 5 : Création, réception et nouvelle critique de la conception

Gentes, A., and Mollon, M. (2015). Critical Design: a delicate balance between the thrill of the uncanny and the interrogation of the unknown. In D. Bihanic (Ed.), *Empowering Users through Design: Interdisciplinary Studies and Combined Approaches for Technological Products and Services* (pp. 79–101). Switzerland: Springer Verlag.

Schmid, A-F. (2015). On Contemporary Objects. In Robin Mackay, editor, *Simulation, Exercice, Operations*, volume 006 of "*Philosophy/art Theory/Aesthetics*", pages 63–68. Urbanomic, May 2015c.