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## Aanstellingen

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25 jan. 2025 → present

## Onderzoeksoutput

### Structural behaviour and construction of a monumental ice structure

Pronk, A. D. C., Mergny, E., Li, Q. (Corresponding author) & Zhou, Y., 30 sep. 2024, In: *Heliyon*. 10, 18, 15 blz., e37312.

### Climate friendly insulation based on biobased products for IASS

Pronk, A. D. C., 28 aug. 2024, blz. 1-10. 10 blz.

### 3D printing of composite paper

Pronk, A. D. C., 11 jul. 2024. 8 blz.

### ice molding, concrete, structural behaviour

Pronk, A. D. C., 11 jul. 2024. 8 blz.

### matisse insulation

Pronk, A. D. C., 11 jul. 2024. 8 blz.

### Buoycrete, a light-weight concrete in combination with a membrane mold

Pronk, A. D. C. & Visch, G., 19 okt. 2023, *XI International Conference on Textile Composites and Inflatable Structures: Structural Membranes 2023*. Lázaro, C., Rossi, R. & Wüchner, R. (redacties). Scipedia, blz. 1-18 18 blz.

### Autarkic office boat

Pronk, A. D. C. (Corresponderende auteur), 1 okt. 2023, *Proceedings of the IASS Annual Symposium 2023: Integration of Design and Fabrication*. Xie, Y. M., Burry, J., Lee, T. U. & Ma, J. (redacties). International Association for Shell and Spatial Structures (IASS) , 12 blz.

### **Slimline floor an invention by Pronk and Lichtenberg**

Pronk, A. D. C. & Mergny, E., 1 okt. 2023, *Slimline floor an invention by Pronk and Lichtenberg*. Xie, Y. M., Burry, J., Lee, T. U. & Ma, J. (redacties). International Association for Shell and Spatial Structures (IASS) , 9 blz.

### **Heaven, Earth and Hell in Mathematics: Essays on Hidden Mathematical Corners of Art, History and Religion**

Huylebrouck, D. & Pronk, A. D. C., 30 apr. 2023, (Geaccepteerd/In druk) 313 blz.

### **Sagrada Familia in Ice**

Pronk, A. D. C., 23 okt. 2022, *Architectures of Weaving: from Fibers and Yarns to Scaffolds and Skins*. Sauer, C., Stoll, M., Fransén Waldhör, E. & Schneider, M. (redacties). JOVIS Verlag, blz. 166-169 4 blz.

### **Buoycrete, a light-weight concrete**

Pronk, A. D. C. & visch, G., 19 sep. 2022, *Buoycrete, a light-weight concrete*. blz. 1-15 15 blz.

### **Ice composite research**

Pronk, A. D. C., Vissers, W. & Petricică, L., 19 sep. 2022, *Ice composite research*. 13 blz.

### **Structural behavior and realization of a monumental ice structure in China**

Pronk, A. D. C., Li, Q., Mergny, E. & Zhou, Y., 19 sep. 2022, (Geaccepteerd/In druk) *Structural behavior and realization of a monumental ice structure in China*. blz. 1-15 15 blz.

### **The Ice Torch**

Pronk, A. D. C., Staat, V., Tissen, J. & Dicastillo, I., 19 sep. 2022, *The Ice Torch*. 11 blz.

### **Preface to the Special issue of WG21 on "Advanced Manufacturing and Materials"**

Pronk, A. D. C. (Corresponding author), jun. 2022, In: Journal of the International Association for Shell and Spatial Structures. 63, 2, blz. 69 1 blz.

### **Structural Design of a Latticed Pykrete Tower**

Pronk, A. D. C. (Corresponding author), Mergny, E. & Li, Q., jun. 2022, In: Structures. 40, blz. 725-747 23 blz.

### **Reusing Timber Formwork in Building Construction: Testing, Redesign, and Socio-Economic Reflection**

Pronk, A. D. C., Brancart, S. (Corresponding author) & Sanders, F., 28 apr. 2022, In: Urban Planning. 7, 2, blz. 81-96 16 blz.

### **Flexible Forming for Fluid Architecture**

Pronk, A. D. C., 13 okt. 2021, Berlin: Springer. 582 blz.

### **Re-use of formwork for a Villa in Amsterdam**

Pronk, A. D. C., 24 aug. 2021, (Geaccepteerd/In druk) *Re-use of formwork for a Villa in Amsterdam*. 12 blz.

### **Preface on special issue: Lightweight Innovative Ice Structures**

Pronk, A. D. C., 1 mrt. 2021, In: International Journal of Space Structures. 36, 1, blz. 3 1 blz.

### **Success factors in the realization of large ice projects in education**

Pronk, A. D. C. (Corresponding author), Luo, P., Li, Q., Sanders, F. C., Overtoom, M., Coar, L., Fakhrzareei, M. & Ashrafi, A., 1 mrt. 2021, In: International Journal of Space Structures. 36, 1, blz. 4-12 9 blz.

### **Collaborative design between architecture and structure of large complex ice shell based on air-ribbed inflatable mold: A case of ice restaurant**

Luo, P. (Corresponding author), Yang, S., Nie, Y., Wu, Y., Chen, J., Pronk, A. & Zhang, R., mrt. 2021, In: International Journal of Space Structures. 36, 1, blz. 37-47 11 blz.

### **Structural performance under solar radiation of the 30.5-meter-high Flamenco Ice Tower**

Li, Q. (Corresponding author), Mergny, E., Pronk, A., Wu, Y. & Luo, P., mrt. 2021, In: International Journal of Space Structures. 36, 1, blz. 48-66 19 blz.

### **大跨度冰壳结构设计建造一体化关键技术研究与应用**

Wu, Y., Liu, X., Luo, P. & Pronk, A., dec. 2020, In: Journal of Building Structures. 41, S2, blz. 323-329 7 blz.

### **Structural modelling, construction and test of the first 3d-printed gridshell in ice composite**

Pronk, A. D. C., Li, Q. (Corresponding author) & Mergny, E., 1 sep. 2020, In: Journal of the International Association for Shell and Spatial Structures. 61, 3, blz. 177-186 10 blz.

### **Material tests and execution methods of linear composite pykrete structural elements**

Pronk, A. D. C., de Boer, M. B. G., van de Hoef, J. M., Otterspoor, P. M. L. M., Pieloor, L. M. J. & Vens, O. D., 15 aug. 2020. 9 blz.

### **Structural design and validation of a pykrete tower through form finding**

Pronk, A. D. C., de Boer, M. B. G., van de Hoef, J., Otterspoor, P. M. L. M., Pieloor, L. M. J. & Vens, O. D., 15 aug. 2020. 6 blz.

### **The property of fiber reinforced ice under uniaxial compression**

Wu, Y., Lou, X. (Corresponding author), Liu, X. & Pronk, A., 1 apr. 2020, In: Materials and Structures. 53, 2, 15 blz., 29.

### **蛟雲壘蛙**

Pronk, A. D. C. & Luo, P., 15 dec. 2019, In: Architectural Practice. 2019, 11, blz. 154-156 3 blz.

### **3D printed grid shell in ice composite**

Pronk, A. D. C., Bouw, I., Ezendam, T., van Hierden, N. Z., Vleeshouwers, J. & van der Weijden, D., 6 okt. 2019, *IASS Symposium 2019 - 60th Anniversary Symposium of the International Association for Shell and Spatial Structures; Structural Membranes 2019 - 9th International Conference on Textile Composites and Inflatable Structures, FORM and FORCE*. Lazaro, C., Bletzinger, K.-U. & Onate, E. (redacties). International Center for Numerical Methods in Engineering (CIMNE), blz. 1341-1348 8 blz.

### **Structural behavior of ice composite for 3D printing**

Pronk, A. D. C., Jansen, D., Kara, K., Van Laar, J. & Willems, H., 6 okt. 2019, *IASS Symposium 2019 - 60th Anniversary Symposium of the International Association for Shell and Spatial Structures; Structural Membranes 2019 - 9th International Conference on Textile Composites and Inflatable Structures, FORM and FORCE*. Lazaro, C., Bletzinger, K.-U. & Onate, E. (redacties). International Center for Numerical Methods in Engineering (CIMNE), blz. 2503-2510 8 blz.

### **Design, construction and monitoring of an ice composite shell structure**

Wu, Y., Liu, X. (Corresponding author), Chen, B., Li, Q., Luo, P. & Pronk, A., 1 okt. 2019, In: Automation in Construction. 106, 13 blz., 102862.

### **Editorial special issue: advanced manufacturing and materials for inovative structural design**

Orr, J., Pronk, A. & Ibell, T., 1 apr. 2019, In: Structures. 18, 1 blz.

### **The 2017–18 design and construction of ice composite structures in Harbin**

Pronk, A. (Corresponding author), Mistur, M., Li, Q., Liu, X., Blok, R., Liu, R., Wu, Y., Luo, P. & Dong, Y., 1 apr. 2019, In: Structures. 18, blz. 117-127 11 blz.

### **Fluid architecture and flexible moulding**

Pronk, A. D. C., 27 feb. 2019, Eindhoven: Technische Universiteit Eindhoven. 600 blz.

### **Terra-ink additive earth manufacturing for emergency architecture**

Venturi, T., Turrin, M., Setaki, F., Veer, F., Pronk, A., Teuffel, P., Moonen, Y., Slangen, S. & Vorstermans, R., 1 jan. 2019, In: Spool. 6, 2, blz. 41-46 6 blz.

### **Design and construct of the 30.5 meter Flamenco Ice Tower**

Pronk, A. D. C., Wu, Y., Luo, P., Li, Q., Liu, X., Brands, S., Blok, R. & Dong, Y., 16 jul. 2018. 8 blz.

### **Resource-efficient structural design**

Blok, R., Habraken, A. P. H. W., Pronk, A. D. C. & Teuffel, P. M., 2018, *Proceedings of the IASS Symposium 2018: Creativity in Structural Design*. Mueller, C. & Adriaenssens, S. (redacties). blz. 1-10

### **Spong3d : 3D printed facade system enabling movable fluid heat storage**

Sarakinioti, V., Turrin, M., Teeling, M., De Ruiter, P., Van Erk, M., Tenpierik, M., Konstantinou, T., Knaack, U., Pronk, A. D. C., Teuffel, P. M., van Lier, A. J., Vorstermans, R. L. G., Dolkemade, E., de Klijn, M. L., Loonen, R. C. G. M., Hensen, J. L. M. & Vlasblom, D., dec. 2017, In: Spool. 4, 2, blz. 57-60

### **The warm igloo**

Pronk, A. D. C., Mergny, E., Luo, P. & Wu, Y., 9 okt. 2017, *Structural membranes 2017, Munich, Germany 9-11 October 2017*. Onate, E., Bletzinger, K.-U. & Kroplin, B. (redacties). blz. 1-6

### **3D printing of ice**

Pronk, A. D. C., Moonen, Y., AOb, C., Luo, P. & Wu, Y., 25 sep. 2017, *Interfaces - Architecture. Engineering. Science : IASS Annual symposium 2017, 25-28 September 2017, Hamburg, Germany*. Bogle, A. & Grohmann, M. (redacties). Hamburg: Hafencity University , blz. 1-6

### **Architectural Design learning by construction: review of Sino-Euro join studio of ice architecture construction**

Luo, P., Yuan, L., Wang, K., Wu, Y. & Pronk, A. D. C., 25 sep. 2017, *2017 IASS Symposium, 25-28 September 2017, Hamburg, Germany*.

### **Form-finding and construction of ice composite shell structures**

Wu, Y., Liu, X., Chen, B., Li, Q., Luo, P., Pronk, A. D. C. & Mergny, E., 25 sep. 2017, *2017 IASS Symposium, 25-28 September 2017, Hamburg, Germany*.

### **Mechanical performances and structural safety evaluation of ice composite shell structures**

Li, Q., Chen, B., Liu, X., Luo, P., Pronk, A. D. C. & Mergny, E., 25 sep. 2017, *2017 IASS Symposium, 25-28 September 2017, Hamburg, Germany*.

### **Success factors in the realization of large ice projects in education**

Pronk, A. D. C., Luo, P., Li, Q., Sanders, F., Overtoom, M. & Coar, L., 25 sep. 2017, *Interfaces - Architecture. Engineering. Science : IASS Annual symposium 2017, 25-28 September 2017, Hamburg, Germany*. Bogle, A. & Grohmann, M. (redacties). Hamburg: Hafencity University , blz. 1-6 6 blz.

### **IASS working group Advanced manufacturing**

Pronk, A. D. C., 28 dec. 2016, 1 blz.

### **Expo of Ice Sculptures at Exposition in Harbin China**

Pronk, A. D. C. (Ontwerper), Moonen, Y. (Uitvoerder), Ide, G. (Fotograaf), de Jonghe, L. (Uitvoerder) & Gort, D. (Fotograaf), 24 dec. 2016

### **Expo Flexible Formwork**

Pronk, A. D. C. (Producent), 18 dec. 2016

### **Flexible formwork technologies: a state of the art review**

Hawkins, W., Herrmann, M., Ibell, T., Kromoser, B., Michaelski, A., Orr, J., Pedreschi, R., Pronk, A. D. C., Schipper, R., Shepherd, P., Veenendaal, D., Wansdronk, R. & West, M., 15 dec. 2016, In: *Structural Concrete*. 17, 6, blz. 911-935 25 blz.

### **NBD Bouwdetails RC5**

Pronk, A. D. C. & Houtman, P., 11 dec. 2016, Den Haag: BIM Media BV. 256 blz.

### **Concrete Shell at Dutch Design Week 2016**

Pronk, A. D. C. (Ontwikkelaar), 15 okt. 2016

### **Da Vinci's Bridge in ice and other ice structures with an Inflatable mould**

Pronk, A. D. C., Arntz, M. H. F. P. & Hermens, L. J., 26 sep. 2016, *Proceedings of the IASS Annual Symposium 2016 Spatial Structures in the 21st Century*. Kawaguchi, K., Ohsaki, M. & Takeuchi, T. (redacties). International Association for Shell and Spatial Structures (IASS) , 8 blz.

### **Structural experiments with ice (composite) shells**

Belis, J., Martens, K., Van Lancker, B. & Pronk, A., 5 sep. 2016, *Insights and Innovations in Structural Engineering, Mechanics and Computation: Proceedings of the Sixth International Conference on Structural Engineering, Mechanics and Computation, Cape Town, South Africa, 5-7 September 2016*. Zingoni, A. (redactie). CRC Press Taylor & Francis Group, 5 blz.

### **Design of Da Vinci's bridge in ice**

Pronk, A. D. C., Blok, R., van Brunschot, M. C. A. J., van Lier, A. J., van de Mortel, F. F. H., Williams, K. K., Arntz, M. G. A. J., Hermens, L. J., Koekkoek, R. & van de Nieuwenhof, T. A. H., 15 aug. 2016, *Structures and Architecture: beyond their limits : proceedings of the third International Conference on Structures and Architecture (ICSA2016), Guimarães, Portugal, 27-29 July 2016*. Cruz, P. J. S. (redactie). London: CRC Press/Balkema, blz. 363–375 13 blz.

### **Historical development of structural ice**

Pronk, A. D. C., Vasiliev, N. & Belis, J. L. I. F., 15 aug. 2016, *Structures and Architecture: beyond their limits : proceedings of the third International Conference on Structures and Architecture (ICSA2016), Guimarães, Portugal, 27-29 July 2016* . Cruz, P. J. S. (redactie). London: CRC Press/Balkema, blz. 339-347 9 blz.

### **Development and exploitation of ice Architecture and structures (in Chinese)**

Pronk, A. D. C., 15 jun. 2016, *The 16th Academic Conference of Space Structures in China, Hangzhou, 2016*. 6 blz.

### **Expo Ice Structures at ICSA 2016 (3rd International Conference on Structures and Architecture)**

Pronk, A. D. C. (Fotograaf), van de Nieuwenhof, T. A. H. (Fotograaf) & Koekkoek, R. (Fotograaf), jun. 2016

### **Ice Paradise in Juuka Finland**

Pronk, A. D. C. (Fotograaf), 13 feb. 2016

### **Organisation of a Symposium on Ice Structures in Juuka Finland**

Pronk, A. D. C. (Fotograaf), 12 feb. 2016

### **IASS 2015 Expo**

Pronk, A. D. C. (Ontwikkelaar), 20 aug. 2015

### **Flexible mould by the use of spring steel mesh**

Pronk, A., El Ghazi, H., Seffinga, A. & Schuijers, N. H., 17 aug. 2015, blz. 1-9.

### **Sun-Spotter : gravity point displacement as solar-tracking principle**

Pronk, A., Dizdar, D. & Schuurmans, W. A., 17 aug. 2015.

### **The calculation and construction of the highest ice dome : the Sagrada Familia in Ice:**

Pronk, A., 16 aug. 2015, blz. 1-13.

**The VaCo Mould, a research about a new moulding principle for double curved concrete panels**

Pronk, A., Lusing, T. & Versteeg, R. H. P. G., 16 aug. 2015, blz. 1-9. 6 blz.

**A review on the development of reinforced ice for use as a building material in cold regions**

Vasiliev, N. K., Pronk, A. D. C., Shatalina, I. N., Janssen, F. H. M. E. & Houben, R. W. G., 1 jul. 2015, In: Cold Regions Science and Technology. 115, blz. 56-63 8 blz.

**Ice composites as construction materials in projects of ice structures**

Vasiliev, N. K. & Pronk, A. D. C., 14 jun. 2015, blz. 1-11.

**Ice and ice-soil composites as construction materials in ice structures**

Pronk, A. D. C. & Vasiliev, N., 5 jun. 2015, In: Izvestiya VNIIG. 277, blz. 35-45

**Kinegrity: the kinetic transformation of a tensegrity**

Pronk, A. D. C., Buskes, H., Klerk, L. S. & Koelewijn, P., 15 sep. 2014, *Proceedings of the IASS-SLTE 2014 Symposium "Shells, Membranes and Spatial Structures: Footprints", 15-19 September 2014, Brasilia, Brazil*. Brasil, R. M. L. R. F. & Pauletti, R. M. O. (redacties). International Association for Shell and Spatial Structures (IASS) , 9 blz. 264

**Spraying pykrete: The spraying of water and wood fibers to reinforce ice**

Pronk, A. D. C., Vasiliev, N., Janssen, F. H. M. E. & Houben, R. W. G., 15 sep. 2014, *Proceedings of the IASS-SLTE 2014 Symposium "Shells, Membranes and Spatial Structures: Footprints", September 15-19, 2014, Brasilia, Brazil*. Basil, R. M. L. R. F. & Pauletti, R. M. O. (redacties). 9 blz.

**The calculation and construction of a 30 meter span ice dome**

Pronk, A. D. C. & Borgart, A., 15 sep. 2014, *Proceedings of the IASS-SLTE 2014 Symposium "Shells, Membranes and Spatial Structures: Footprints", September 15-19, 2014, Brasilia, Brazil*. Brasil, R. M. L. R. F. & Pauletti, R. M. O. (redacties). 8 blz.

**Transparent shell structure**

Pronk, A. D. C., van Dooren, T. A. & Hermans, J. W., 15 sep. 2014, *Proceedings of the IASS-SLTE 2014 Symposium "Shells, Membranes and Spatial Structures: Footprints", 15-19 September 2014, Brasilia, Brazil*. Brasil, R. M. L. R. F. & Pauletti, R. M. O. (redacties). blz. 1-8 8 blz.

**Producing optimized structures with inflatables structural membranes 2013**

Pronk, A. D. C., Dominicus, M. M. T., von Buelow, P., van Dijk, S. H. M. & van de Koppel, W. J., 1 dec. 2013, *Textile Composites and Inflatable Structures VI - Proceedings of the 6th International Conference on Textile Composites and Inflatable Structures, Structures Membranes 2013*. Bletzinger, K. U., Kröplin, B. & Onate, E. (redacties). blz. 505-519 15 blz.

**Kinetic geiger dome with photovoltaic panels structural membranes 2013**

Pronk, A. D. C., Dominicus, M. M. T. & da Conceicao van Nieuwenhuizen, J., 7 okt. 2013, *VI International Conference on Textile Composites and Inflatable Structures STRUCTURAL MEMBRANES 2013, October 9-11, 2013, Munich, Germany*. Bletzinger, K. U., Kroplin, B. & Onate, E. (redacties). Barcelona: International Center for Numerical Methods in Engineering (CIMNE), blz. 461-472 12 blz.

**technical textiles in architecture, construction and interiors**

Pronk, A. D. C., 6 jun. 2013, *technical textiles in architecture, construction and interiors* . Birkhäuser Verlag, 18 blz.

**Detail in architectuur : concept, techniek, materiaal**

Pronk, A. D. C., Dominicus, M. M. T., ten Hoope, L. D. & Merks, L. H. A., 2013, 2e herziene druk redactie Den Haag: BIM Media. 161 blz.

**84 ways to manipulate a membrane**

Pronk, A. & Dominicus, M., 1 dec. 2012, In: Journal of the International Association for Shell and Spatial Structures. 53, 4, blz. 257-270 14 blz.

### **Eindrapportage vervolg haalbaarheidstudie reconstructie Philips Paviljoen 1958**

Riemersma, M. & Pronk, A. D. C., 30 okt. 2012, Stichting Reconstructie Philips Paviljoen 1958. 34 blz.

### **8 plannen voor de herbestemming van een rioolgemaal**

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### **Façade elements based on optimised open cell structures : An Experimental modelling proces for the designer**

Dominicus, M. M. T., Hoppe, ten, L. D., Beetz, J., Pronk, A. D. C. & Mohammadi, M., 2012, *Design and Decision Support Systems in Architecture and Urban Planning Conference (DDSS2012), 27-29 August 2012, Eindhoven, The Netherlands*. Eindhoven, blz. 1-8

### **Solar protection**

Cox, M. G. D. M., Haas, de, T. C. A., Gijsbers, R., Pronk, A. D. C., Vrouwe, I. & Weijers, K. A. M., 2012, *Flexible Composite Materials in Architecture, Construction and Interiors*. Motro, R. (redactie). Basel: Birkhäuser Verlag, blz. 70-85

### **85 ways to make a membrane mould**

Pronk, A. D. C. & Dominicus, M. M. T., 2011, *Proceedings of the International Conference on Textile Composites and Inflatable Structures (Structural Membranes 2011), 5-7 October 2011, Barcelona, Spain*,.

### **All-glass shell scale models made with an adjustable mould**

Belis, J., Pronk, A. D. C., Schuurmans, W. B. & Blancke, T., 2011, *Proceedings of the IABSE-IASS Symposium, 20-23 september, 2011, London, UK*. Zürich: International Association for Bridge and Structural Engineering, blz. 1-8

### **Detail in architectuur : concept, techniek, materiaal**

Pronk, A. D. C., Dominicus, M. M. T., ten Hoope, L. D. & Merks, L. H. A., 2011, Den Haag: SDU Uitgevers. 161 blz.

### **Modeling and producing optimal open cell structures for architecture**

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Dominicus, M. M. T., Khademagha, P. & Pronk, A. D. C., 2011, *Proceedings of the IABSE-IASS Symposium, 20-23 september, 2011, London, UK*. Zürich: International Association for Bridge and Structural Engineering

### **Groene Boot**

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### **Paper Model Kit of Philips Paviljoen - Corbusier, Xenakis, Varese**

Pronk, A. D. C., Veldhuijzen van Zanten, V., Reijnders, H. M., Treib, M. & Ruegg, A., 2010, Bussum: THOTH.

### **Textile techniques and tectonics in architecture**

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### **The production of free formed concrete elements in a flexible mould**

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### **Double-curved surfaces using a membrane mould**

Pronk, A. D. C., Rooy, van, I. & Schinkel, P., 2009, *Proceedings of the International Association for Shell and Spatial Structures (IASS) Symposium 2009*. Domingo, A. & Lazaro, C. (redacties). Valencia

### **NBD Bouwdetails (Nederlandse Bouwdocumentatie)**

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### **Nieuwe maltechnieken voor vrije vormen**

Pronk, A. D. C., 2009, In: *Bouwwereld*. 2009, 15, blz. 18-20

### **Research on the combination of water and membranes as a structural and sound insulation building material**

Pronk, A. D. C., Maffei, R. & Martin, H. J., 2009, *Proceedings of the International Association for Shell and Spatial Structures Symposium 2009, Lalancia*. Domingo and, A. & Lazaro, C. (redacties). Valencia

### **Research on the combination of water and membranes as a structural building material.**

Pronk, A. D. C., Maffei, R. & Martin, H. J., 2009, *Evolution and Trends in Design, Analysis and Construction of Shell and Spatial Structures : 50th Anniversary Symposium 50th Anniversary Symposium of the International Association for Shell and Spatial Structures (IAAS 2009) 28 September - 02 October 2009, Valencia Spain*. Lazaro, C. & Domingo, A. (redacties). Valencia: International Association for Shell and Spatial Structures (IASS) , blz. Fr.2.F-

### **The Sound Insulation of Water**

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### **Blobs verrijking voor Eindhoven**

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### **Fuksas in Eindhoven, fietsenkelder**

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## **Activiteiten**

### **Buoycrete, a light-weight concrete in combination with a membrane mold**

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2 okt. 2023 → 4 okt. 2023

### **BUOYCRETE, A LIGHT-WEIGHT CONCRETE IN COMBINATION WITH A MEMBRANE MOLD**

Pronk, A. D. C. (Spreker)  
2 okt. 2023 → 4 okt. 2023

### **Structural membranes 2023 Valencia**

Pronk, A. D. C. (Organisator)  
2 okt. 2023 → 4 okt. 2023

### **ice structures**

Pronk, A. D. C. (Spreker)  
12 jul. 2023

### **IASS 2023, Integration of Design and Fabrication**

Pronk, A. D. C. (Organisator)  
10 jul. 2023 → 14 jul. 2023

### **IASS 2023, Integration of Design and Fabrication**

Pronk, A. D. C. (Organisator)  
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### **ice molding**

Pronk, A. D. C. (Spreker)  
10 jul. 2023 → 14 jul. 2023

### **conference; Melbourne, Australia**

Pronk, A. D. C. (Organisator)  
10 jun. 2023 → 14 jun. 2023

### **Competition and exhibition of innovative lightweight structures: An invitation for artists, designers, engineers, and researchers**

Pronk, A. D. C. (Organisator)  
19 sep. 2022 → 23 sep. 2022

### **jury member of snow competition (Evenement)**

Pronk, A. D. C. (Voorzitter)  
22 jan. 2022

### **Journal of the International Association for Shell and Spatial Structures (Tijdschrift)**

Pronk, A. D. C. (Lid redactieraad)  
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1 sep. 2021 → 23 sep. 2022

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23 aug. 2021 → 28 aug. 2021

**summer school Harbin China**

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5 jul. 2021 → 17 jul. 2021

**International Journal of Space Structures (Tijdschrift)**

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Pronk, A. D. C. (Organisator) & Orr, J. (Organisator)  
6 okt. 2019 → 11 okt. 2019

**Harbin Institute of Technology (Externe organisatie)**

Pronk, A. D. C. (Voorzitter)  
9 sep. 2018 → 9 sep. 2034

**workshop advanced manufacturing**

Pronk, A. (Organisator) & Orr, J. (Organisator)  
16 jul. 2018

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**construction of innovative structural ice pavilions**

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**Tensinet (Externe organisatie)**

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Pronk, A. D. C. (Lid)  
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**Workinggroup 21, International Association for Shell and Spatial Structures (Externe organisatie)**

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**Pers / media****A PENTAGONAL 'EIFFEL TOWER' MADE OF ICE AND CELLULOSE**

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8/01/20

1 Mediabijdrage

**Cold and Austere Beauty in Harbin, China**

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13/06/19

1 Mediabijdrage

**Eindhovense ijsbouwers gaan oefenen voor Olympische winterspelen**

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25/09/19

1 Mediabijdrage

### **Eindhovense ijstoren in China 'de mooiste'**

Pronk, A. D. C.  
27/12/19  
1 Mediabijdrage

### **harbin ice tower**

Pronk, A.  
25/01/18  
1 Mediabijdrage

### **het maken van igloo's in Nederland**

Pronk, A. D. C.  
8/02/21  
1 Mediabijdrage

### **iass expo 2015 in Amsterdam**

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15/08/15  
1 Mediabijdrage

### **ijs sculptuur**

Pronk, A. D. C.  
1/02/22  
1 Mediabijdrage

### **opgeleverd voorbeeldige zelfbouw projecten in Amsterdam**

Pronk, A. D. C.  
1/11/17  
1 Mediabijdrage

### **Structural design using an unusual material**

Pronk, A. D. C.  
15/06/22  
1 Mediabijdrage

## **Projecten**

### **SCB: Smart Circular Bridge for pedestrians and cyclists in a circular built environment NWE993**

Moonen, S. P. G. (Project Manager), Moonen, S. P. G. (Projectmedewerker), Manconi, M. (Projectmedewerker), Shahmirzaloo, A. (Projectmedewerker), Habraken, A. P. H. W. (Projectmedewerker), Pronk, A. D. C. (Projectmedewerker), van den Hurk, B. (Projectmedewerker), van Dorst, K. (Project communicatie medewerker), Looymans, A. (Project communicatie medewerker), Teuffel, P. M. (Projectmedewerker), Blok, R. (Project Manager) & Blok, R. (Projectmedewerker)  
26/09/19 → 31/12/23

## **Cursussen**

### **Entrance project structural engineering and design**

1/09/14 → ...

### **Project 1 Building Physics & Structural Engineering and Design**

1/09/14 → 31/08/25

**Project 3 Building Physics & Structural Engineering and Design**

1/09/14 → 31/08/25

**Project M**

1/09/23 → ...