

Curriculum Vitae

Prof. dr. ir. Andre A. A. Molenaar

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Name: Molenaar, Andreas (Andre), Adrianus, Anthonius.
Date and place of birth: July 16, 1947, Hoorn, the Netherlands.
Citizenship: Dutch.
Married with: Bekhuis, Geertruida Maria (1948).
Nr. of children: 3 sons (1972, 1974, 1977).

Home address: Schuylenburgh 7, 2631 CN Nootdorp, the Netherlands.
Home tel.: + 31 15 2784812

Working address: Delft University of Technology, Faculty of Civil Engineering and Geo Sciences, P.O. Box 5048, 2600 GA Delft, the Netherlands.
Tel: + 31 15 2784812
Fax: + 31 15 2783443
Email: a.a.a.molenaar@citg.tudelft.nl

Education: 1955 – 1960 primary school.
1960 – 1965 high school, diploma HBS-B
1965 – 1972 Delft University of Technology, Faculty of Civil Engineering, diploma of civil engineer.
1975 spring semester at the University of Texas at Austin, placed on the roll of honour for outstanding scholastic performance.
1977 summer semester at the Texas A&M University.

Degrees: "Ingenieurs degree (ir.)" in civil engineering of the Delft University of Technology (1972); this degree is comparable to a MSc degree.
"Doctor's degree (dr.)" in civil engineering of the Delft University of Technology (1983).

Career: July 16, 1972 – December 31, 1976: Scientific officer at the chair of Highway Engineering of the Delft University. The main tasks were the preparation of lecture notes (the chair was established in 1971 so very little was available), the supervision of students during their ir. thesis, research into the development of a pavement management system.
January 1, 1977 – December 31, 1984: Research engineer at the Road and Railroad Research Laboratory of the Delft University. The main tasks were development of effective and simple tools for the analysis of falling weight deflection data, development of a deflection based bearing capacity deterioration model, development of a visual condition based deterioration model, development of a pavement management system, characterisation of the fatigue, fracture and crack growth characteristics of asphalt mixtures, supervision of students during their ir. thesis, lecturing in pavement design, evaluation and maintenance, research on the performance of small element pavements.
January 1, 1985 – December 31, 1989: Managing director of Netherlands Pavement Consultants. In this period he was, amongst other things, responsible for large pavement evaluation jobs on roads and airfields in the Netherlands as well as abroad. Furthermore

he was responsible for the development of the pavement management system VIAVIEW. He was also responsible for the recycled asphalt characterisation program that was done under contract with the Ministry of Transport and was co-investigator of the project on surface cracking that was done under contract with CROW. Finally it should be mentioned that he was the author of the Dutch design manual for small element pavements.

September 1, 1988 – December 31, 1989: Part time professor of Highway Engineering at the Delft University of Technology.

January 1, 1990 – present: full time professor of Highway Engineering at the Delft University of Technology, head of the Roads and Railways Engineering Section of the faculty of Civil Engineering and Geo Sciences.

In 2001 he was appointed as visiting professor at the University of Stellenbosch in South Africa, and in 2005 he was appointed as visiting professor at the Technical University of Wuhan in China..

Committees etc.: In the international scene he is a member of the following organisations.

- Standards Team of FAA.
- RILEM committee on cracking in asphalt pavements.
- Association of Asphalt Paving Technologists.
- Committee A2B09 on accelerated pavement testing of the Transportation Research Board.
- Editorial board Road Materials and Pavement Design.
- Editorial board International Journal of Pavement Engineering.

Guest Lectures: He performed as a guest lecturer at the following universities and organisations.

- University of Nottingham, UK.
- Royal Technical University, Stockholm, Sweden.
- University of Oulu, Finland.
- Texas A&M University, USA.
- University of Illinois, USA.
- Univesidad Catolica de Chile, Chile.
- University of Science and Technology, Kumasi, Ghana.
- University of Bratislava, Slovakia.
- University of Prague, Czech Republic.
- University of Paramaribo, Surinam.
- University of Stellenbosch, Republic of South Africa.
- CSIR, Republic of South Africa.
- Australian Asphalt Paving Association, Australia.
- Technical University of Wuhan, China.
- Tongji University, China

Conferences and workshops:

He performed many times as session chairman, moderator and invited speaker at many international conferences and workshops such as:

- International conference on Concrete Pavements.
- International conference on Concrete Block Pavements.
- International conference on the Bearing Capacity of Roads and Airfields.
- International conference on Asphalt Pavements.
- Conference on Asphalt Pavements for Southern Africa.
- AAPA International conference.

Papers and publications:

A list of papers and publications will be made available on request.

Metis: beknopt overzicht

Datum : 26-03-2012

Onderzoek :
Organisatiedeel :
Penvoerende org. :
Functie :
Functiegroep :
Rang vanaf : t/m
Periode : 1990 t/m 2012
Publicatiejaar : t/m
Soort resultaat :
Kenmerk :
Classificatie (1) :
(2) :
Class. hfdgroep (1) :
(2) :
Class. intern (1) :
(2) :
Tijdschrift :
Weegfactor : t/m
Trefwoorden (1) :
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Onderzoekmedewerker : Molenaar, AAA, Prof.dr.ir.
Alias : incl.
(deel v/d) Titel :
Informatiedrager :
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Mutatiedatum : t/m
Sorteervolgorde : naam, code_klas_ex, code_output, titel, code_onderzoek, code_organisatie_a,
verslagjaar desc, code_klas_in, code_ken
Groepering :
Status :
Alleen actuele werkrel. :
Onderzoek aantal = 0 :

- Alemgena, AA, Molenaar, AAA & Houben, LJM (2010). Characterization of unbound granular materials using repeated load cbr and triaxial testing. In E. Tutumluer B. Huang (Ed.), Paving Materials and Pavement Analysis Vol. 350. Geotechnical Special Publications (pp. 355-363). ASCE.

* C CITG DC RRE

* Wetensch. publ. refereed (artikel in bundel - proceedings / Peer-lijst tijdschrift)

- Araya, AA, Molenaar, AAA & Houben, LJM (2010). Assessing the resilient behavior of recycled mix-granulate with repeated load cbr testing. Wuhan Ligong Daxue Xuebao (Journal of Wuhan University of

Technology), 32(17), 89-93.

* C CITG DC RRE Road

* Wetensch. publ. refereed (artikel - letter to the editor / Peer-lijst tijdschrift)

- Araya, AA, Molenaar, AAA & Houben, LJM (2010). A realistic method of characterizing granular materials for low-cost road pavements. In s.n. (Ed.), The 11th international conference on asphalt pavements (pp. 1-10). Nagoya: The 11th international conference on asphalt pavements.

* C CITG DC RRE Road

* Wetensch. publ. refereed (artikel in bundel - proceedings / Conf.proc. > 3 pag)

-

Araya, AA, Huurman, M, Houben, LJM & Molenaar, AAA (2011). Characterizing mechanical behavior of unbound granular materials for pavements. In s.n. & s.n. (Eds.), TRB 90th annual meeting dvd compendium (pp. 1-17). Washington: TRB.

* C CITG DC RRE Road

* Wetensch. publ. refereed (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Araya, AA, Huurman, M & Molenaar, AAA (2011). Integrating traditional characterization techniques in mechanistic pavement design approaches. In Al-qadi s.l. & Murrell S. (Eds.), T&di congress 2011 integrated transportation and development for a better tomorrow (pp. 596-606). Reston, USA: American society of civil engineers.

* C CITG DC RRE Road

* Wetensch. publ. refereed (artikel in bundel - proceedings / Conf.proc. > 3 pag)

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Baldo, N., Dal Ben, M, Pasetto, M, Ven, MFC van de & Molenaar, AAA (2010). Indirect tensile test for the determination of the stiffness and the resilient modulus of asphalt concretes: experimental analysis of the EN 12697 -26 and the astm d 4123 standards. In s.n. (Ed.), The 11th international conference on asphalt pavements (pp. 1-10). Nagoya: The 11th international conference on asphalt pavements.

* C CITG DC RRE Road

* Wetensch. publ. refereed (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Bax, NXC, Deurzen, AWF van & Molenaar, AAA (2007). New technique for the rapid construction and rehabilitation of concrete pavements. In S Ph.D., P.E. Tayabji (Ed.), Proceedings of the International Conference on Optimizing Paving Concrete Mixtures and Accelerated Concrete Pavement Construction and Rehabilitation (pp. 283-293). Columbia, USA: CTLGroup.

* C38-00A

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Bijsterveld, WT van, Houben, LJM, Scarpas, A & Molenaar, AAA (2001). Using pavement as solar collector: effect on pavement temperature and structural response. Transportation Research Record, 1778, 140-148.

* C31CC1206-03, C62-00

* Wetensch. publicatie (artikel - letter to the editor / ZX CWTS JFIS < 1.00)

- Bijsterveld, WT van, Houben, LJM, Scarpas, A & Molenaar, AAA (2000). Controlling temperature in asphalt pavements. In SN Shoukry (Ed.), Preproceedings of the second international symposium on 3D element for pavement analysis, design and research (pp. 413-431). Charleston, West Virginia USA: WVU Printing.

* C31-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Bijsterveld, WT van, Houben, LJM, Scarpas, A & Molenaar, AAA (2000). Controlling temperature in asphalt pavements. Preproceedings of the second international symposium on 3-D finite element for

pavement analysis, design and research. Delft: CITG Section Road & Railroad Engineering <2005.

* C62-00

* Vakpublicatie (rapport / Geen BTA classificatie)

- Bouwmeester, D., Huurman, M, Tolman, F & Molenaar, AAA (2004). Probabilistic analysis of fatigue cracking in asphalt pavements. In A Millien, C Petit & IL Al-Quadi (Eds.), Cracking in Pavements (pp. 657-664). Bagneux, France: RILEM Publications s.a.r.l..

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

-

Dommelen, AE, Houben, LJM, Molenaar, AAA & Visser, AFHM (2002). Full scale testing and modelling of permanent deformation in asphalt pavements. International Journal of Pavements, 1(1), 1-12.

* C62-00

* Wetensch. publicatie (artikel - letter to the editor / Peer-lijst tijdschrift)

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Dommelen, AE, Houben, LJM, Molenaar, AAA & Visser, AFHM (2001). Full scale testing and modelling of permanent deformation in asphalt pavements. In Second international symposium on maintenance and rehabilitation of pavements and technological control (pp. 1-15). Alabama, USA: Auburn.

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Dommelen, AE, Kooij, J, Houben, LJM & Molenaar, AAA (2004). LinTrack APT research supports accelerated implementation of innovative pavement concepts in the Netherlands. In Accelerated Pavement Testing (pp. 1-19). Minneapolis: University of Minnesota.

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Duskov, M, Molenaar, AAA & Houben, LJM (2001). Current Dutch developments regarding EPS Geofom construction method. In Proceedings of the third international conference on EPS Geofom, held in Salt Lake City USA on December 10-12 2001 (pp. 1-10).

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Duskov, M, Molenaar, AAA & Houben, LJM (2002). Actuele Nederlandse ontwikkelingen in EPS lichtgewicht wegconstructies. In Proceedings van de Wegbouwkundige Werkdagen, 12-13 Juni 2002 (pp. 109-128). Ede: CROW.

* C62-00

* Vakpublicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Erkens, SMJG, Molenaar, AAA & Scarpas, A (2003). A better understanding of asphalt concrete response. In 16th ASCE Engineering Mechanics Conference (pp. 1-12). Seattle: University of Washington.

* C31CC1206-03, C62A01

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Erkens, SMJG, Scarpas, A & Molenaar, AAA (2001). Asphalt concrete response evaluation: analytical and experimental aspects. In CS Desai & T Kundu (Eds.), Proceedings of the international conference on computer methods and advances in geomechanics, volume 2 (pp. 1373-1379). Rotterdam: A.A.Balkema.

* C31-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Erkens, SMJG, Scarpas, A & Molenaar, AAA (2001). Asphalt concrete response evaluation: Analytical and experimental aspects. In CS Desai & T Kundu (Eds.), Computer methods and advances in geomechanics, proceedings of (pp. 1373-1377). Rotterdam/Brookfield: on, USA 7-12 January 2001,.

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Erkens, SMJG, Liu, X, Scarpas, A, Molenaar, AAA & Blaauwendraad, J (2003). Modelling of asphalt concrete -numerical and experimental aspects-. In Eyad.Masad Erol Tutumluer & Yacoub M. Najjar (Eds.), Recent Advances in Materials Characterization and Modeling of Pavement Systems Geotechnical Special Publications (pp. 1-14). Reston ASCE 2003; Corperate author & uitgever.

* C31CC1206-02, C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Erkens, SMJG, Liu, X, Scarpas, A, Molenaar, AAA & Blaauwendraad, J (2002). Modelling of pavement materials -numerical and experimental aspects-. In ASCE engineering mechanics conference; june 2002 Columbia university, New York (pp. 1-14). American society of civil engineers.

* C31CC1206-03, C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Erkens, SMJG, Molenaar, AAA & Scarpas, A (1999). Relating performance tests to fundamental material behaviour. In Proceedings of the 7th conference on asphalt pavements for southern Africa (pp. 1-18). Victoria Falls Africa: CAPSA CD-ROM.

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Erkens, SMJG, Scarpas, A, Molenaar, AAA & Blaauwendraad, J (2002). Het gedrag van asfalt, bepalen, begrijpen, modelleren en voorspellen. In Wegbouwkundige werkdagen 2002, deel 1 (pp. 523-542). Ede: CROW.

* C31CC1206-03, C62-00

* Vakpublicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Ghile, DB, Molenaar, AAA, Ven, MFC van de & Besamusca, J (2006). Nano technology applied in bitumen to improve asphalt mix behavior. In Wegbouwkundige Werkdagen 2006 (pp. 1-10). Ede: CROW.

* C38-00A

* Wetensch. publicatie (artikel in bundel - proceedings / Vakpubl., Overig wet. > 3 pag)

- Haan, YH de, Fraay, ALA, Molenaar, AAA & Katala, J (2001). Unsaturated water transport underneath road constructions containing secondary building materials. In Geophysical research abstracts, volume 3 (pp. 1-1). European geophysical society.

* C32-00

* Wetensch. publicatie (artikel in bundel - proceedings / Geen BTA classificatie)

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Hagos, ET, Molenaar, AAA, Ven, MFC van de & Voskuilen, JLM (2008). Durability related investigation into porous asphalt. In s.n (Ed.), Samenvattingenbundel, Bijdragen CROW Infradagen 2008 (pp. 1-12). Ede: CROW.

* C38-00A

* Wetensch. publicatie (artikel in bundel - proceedings / Vakpubl., Overig wet. > 3 pag)

-

Hagos, ET, Molenaar, AAA, Ven, MFC van de & Voskuilen, JLM (2007). Durability related investigation

into porous asphalt. In A Loizos, T Scarpas & IL Al-Qadi (Eds.), *Advanced Characterisation of Pavement and Soil Engineering Materials* (pp. 713-727). Leiden, The Netherlands: Taylor & Francis/Balkema.

* C38B05

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Hagos, ET, Molenaar, AAA & Hofman, R (2006). Investigation into the effect of bitumen aging on the durability of porous asphalt - part 1: theoretical aspects and research methodology. In

Wegbouwkundige Werkdagen 2006 (pp. 1-20). Ede: CROW.

* C38B05

* Wetensch. publicatie (artikel in bundel - proceedings / Vakpubl., Overig wet. > 3 pag)

- Hagos, ET, Molenaar, AAA & Ven, MFC van de (2005). The effect of aging on the rheology and fatigue response of bitumen in relation to raveling in porous asphalt. In I Horvli (Ed.), *Bearing capacity of roads, railways and airfields* (pp. 1-11). s.l.: Ny Media AS.

* C38-00A

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Houben, LJM, Akbarnejad, S & Molenaar, AAA (2010). Performance of pavements with blast furnace base course. In B Huang, E Tutumluer & IL Al-

Quadi (Eds.), *Paving Materials and Pavement Analysis Vol.*

203. *Geotechnical Special Publications* (pp. 476-483). ASCE.

* C CITG DC RRE

* Wetensch. publ. refereed (artikel in bundel - proceedings / Peer-lijst tijdschrift)

- Houben, LJM, Molenaar, AAA, Miradi, A & Dommelen, AE (2003). Research into rutting on asphalt motorway pavements. In Paulo Pereira & Fernando Branco (Eds.), *Maintenance and rehabilitation of pavements and technological control* (pp. 273-291). Guimaraes, Portugal: University of Minho.

* C62W01

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

-

Huerne, HL ter, Maarseveen, van MFAM, Molenaar, AAA & Ven, MFC van de (2008). Simulation of hma compaction by using fem. *The International Journal of Pavement Engineering*, 9, 1-11.

* C38-00A

* Wetensch. publ. refereed (artikel - letter to the editor / Peer-lijst tijdschrift)

- Huerne, HL ter, Molenaar, AAA & Ven, MFC van de (2003). Construction of experimental HMA test sections in order to monitor the compaction process. In Paulo Pereira & Fernando Branco (Eds.), *Maintenance and rehabilitation of pavements and technological control* (pp. 411-421). Guimaraes, Portugal: University of Minho.

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

-

Huerne, HL ter, Ven, MFC van de, Molenaar, AAA & Maarseveen, van MFAM (2004). Using critical state theory and modified Hveem Stabilometer for modelling asphalt material behaviour. In A Tadeu & SA Atluri (Eds.), *ICCES'04, Advances in Computational & Experimental Engineering & Sciences* (pp. 1-8). Madeira: ICCES.

* C38-00A

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Huerne, HL ter, Ven, MFC van de, Maarseveen, MFAM van & Molenaar, AAA (2002). Characterisaton

during compaction of HMA with the Modified Hveem Stabilometer. In Proceedings van de Wegbouwkundige Werkdagen, 12-13 Juni 2002 (pp. 99-117). Ede: CROW.

* C62-00

* Vakpublicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Huerne, HL ter, Ven, MFC van de, Maarseveen, MFAM van & Molenaar, AAA (2004). Het gedrag van asfalt tijdens de verdichting gemodelleerd op basis van de critical state theorie. In Wegbouwkundige Werkdagen 2004 (pp. 1-14). Ede: CROW.

* C62-00

* Vakpublicatie (artikel in bundel - proceedings / Vakpubl., Overig wet. > 3 pag)

- Huurman, M & Molenaar, AAA (2006). Permanent deformation in flexible pavements with unbound base courses. Transportation Research Record, 31-38.

* C38-00A

* Wetensch. publ. refereed (artikel - letter to the editor / CWTS JFIS < 0.75)

- Huurman, M, Kasbergen, C, Liu, X, Scarpas, A, Molenaar, AAA & Medani, TO (2002). 3D-FEM for the estimation of the behaviour of asphaltic surfacings on orthotropic steel deck bridges. In A Scarpas & SN Shoukry (Eds.), Proceedings of the third international symposium on 3D finite element for pavement analysis, design and research, held in Amsterdam on April 2-5 2002 (pp. 423-442).

* C31CC1206-03, C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Huurman, M, Molenaar, AAA, Reisen, F van, Hofman, R, Schreyer, J, Steinhauer, B, Gharabaghy, C & Bochove, G van (2008). Accelerated testing of double layer porous asphalt wearing courses. In s.n. (Ed.), APT'08 Program & Proceedings (pp. 1-10). Madrid, Spain: TRB.

* C38-00A

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

-

Huurman, M, Medani, TO, Molenaar, AAA, Kasbergen, C & Scarpas, A (2004). APT testing and 3D finite element analysis of asphalt surfacings on orthotropic steel deck bridges. In Accelerated Pavement Testing (pp. 1-24). Minneapolis: University of Minnesota.

* C62A03

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Huurman, M & Molenaar, AAA (2006). Permanent deformation in flexible pavements with unbound base courses. In Wegbouwkundige Werkdagen 2006 (pp. 1-15). Ede: CROW.

* C38-00A

* Wetensch. publicatie (artikel in bundel - proceedings / Vakpubl., Overig wet. > 3 pag)

- Huurman, M, Molenaar, AAA, Reisen, F van, Hofman, R, Schreyer, J, Steinhauer, B, Gharabaghy, C & Bochove, G van (2008). Accelerated testing of double layer porous asphalt wearing courses. In APT'08 Program & Proceedings (pp. 1-1). Madrid, Spain: TRB,AFD40 Committee.

* C38-00A

* Abstract (artikel in bundel - proceedings / Geen BTA classificatie)

-

Huurman, M, Mo, L, Molenaar, AAA & Wu, SP (2006). Rafeling in zoab. In Wegbouwkundige Werkdagen 2006 (pp. 1-14). Ede: CROW.

* C38-00A

* Vakpublicatie (artikel in bundel - proceedings / Vakpubl., Overig wet. > 3 pag)

- Jacobs, MMJ, Stet, MJA & Molenaar, AAA (2002). Decision model for the use of polymer modified binders in asphalt concrete for airfields. In Proceedings of the 2002 FAA airport technology transfer conference, held in Atlantic City, USA on May 5-8 (pp. 1-10).

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Jansen, JPM, Molenaar, AAA & Naus, RWM (2002). Karakterisering EME. In Proceedings van de Wegbouwkundige Werkdagen, 12-13 Juni 2002 (pp. 147-163). Ede: CROW.

* C62-00

* Vakpublicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

-

Jenkins, KJ, Robroch, S, Henderson, MG, Wilkinson, J & Molenaar, AAA (2004). Advanced testing for cold recycling treatment selection on N7 near Cape Town. In Sa'bita 25 years Digest (pp. 141-143). Pinelands: Southern African Bitumen Association.

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Geen BTA classificatie)

- Jenkins, KJ, Molenaar, AAA, Groot, JLA de & Ven, MFC van de (2000). Foamed bitumen treatment of warmed aggregates. In M von Devivere & D Lyall (Eds.), Proceedings of the 2nd Eurasphalt & Eurobitume congress (pp. 280-288). Breukelen: Foundation Eurasphalt.

* C62-00

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

-

Jenkins, KJ, Molenaar, AAA, Groot, JLA de & Ven, MFC van de (2000). Developments in the uses of foamed bitumen in road pavements. Heron, 3(45), 167-176.

* C62-00

* Vakpublicatie (artikel - letter to the editor / Vakpubl., Overig wet. > 3 pag)

-

Jenkins, KJ, Molenaar, AAA, Groot, JLA de & Ven, MFC van de (2000). Optimisation and application of foamed bitumen in road building. In Wegbouwkundige werkdagen deel 1 (pp. 499-516). Ede: CROW.

* C62-00

* Vakpublicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Khedoe, RN, Molenaar, AAA & Ven, MFC van de (2008). Low temperature behavior of very hard bituminous binder material for road applications. In IL Al-Qadi, A Scarpas & A Loizos (Eds.), Pavement Cracking (pp. 481-490). London: Taylor & Francis Group.

* C38-00A

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

-

Kooij, van der, J, Dommelen, AE, Molenaar, AAA & Houben, LJM (2004). LINTRACK onderzoek ondersteunt versnelde implementatie innovatieve verhardingsconcepten modulair wegdek. In Wegbouwkundige Werkdagen 2004 (pp. 1-14). Ede: CROW.

* C62-00

* Vakpublicatie (artikel in bundel - proceedings / Vakpubl., Overig wet. > 3 pag)

- Lent, DQ van, Molenaar, AAA & Ven, MFC van de (2009). Influence treatment in laboratory of stone surface on the surface roughness. Journal of Testing and Evaluation, 37(5), 417-423.

* C CITG DC RRE Road

* Wetensch. publ. refereed (artikel - letter to the editor / CWTS JFIS < 0.75)

- Lent, DQ van, Ven, MFC van de & Molenaar, AAA (2011). Roughness as in important parameter in adhesion considerations. In s.n. (Ed.), 10th conference on asphalt pavements for Southern Africa 10th conference on asphalt pavements for Southern Africa (CAPSA) (pp. 1-9). s.n.: s.n..

* C CITG DC RRE Road

* Wetensch. publ. refereed (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Lent, DQ van, Molenaar, AAA & Ven, MFC van de (2008). Aggregate characterisation in relation to bitumen-aggregate adhesion. In s.n (Ed.), Samenvattingenbundel, Bijdragen CROW Infradagen 2008 (pp. 1-10). Ede: CROW.

* C38-00A

* Wetensch. publicatie (artikel in bundel - proceedings / Vakpubl., Overig wet. > 3 pag)

- Lent, DQ van, Molenaar, AAA & Ven, MFC van de (2009). Influence of treatments on the surface characteristics of aggregate. In A. Loizos, M.N. Partl, T. Scarpas & I.L. Al-Qadi (Eds.), Advanced Testing and Characterization of Bituminous Materials (pp. 387-397). London: Taylor & Francis Group.

* C CITG DC RRE Road

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Lent, DQ van, Molenaar, AAA & Ven, MFC van de (2009). The effect of specimen preparation techniques on the surface characteristics of aggregate. In s.n. (Ed.), TRB 88th Annual Meeting, Compendium of Papers DVD (pp. 1-15). St. Louis, USA: MIRA Digital Publishing.

* C CITG DC RRE Road

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

- Li, M, Molenaar, AAA, Ven, MFC van de, Huurman, M & Keulen, W van (2009). New approach for modelling tyre/road noise. In s.n. (Ed.), Proceedings of intern-noise 2009, Ottawa, Canada (pp. 1-7). Washington, USA: Institute of Noise Control Engineering of the USA, Inc..

* C CITG DC RRE Road

* Wetensch. publicatie (artikel in bundel - proceedings / Conf.proc. > 3 pag)

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Li, N, Molenaar, AAA, Ven, MFC van de & Wu, Shaopeng (2010). Estimation of the fatigue endurance limit of hmacfor perpetual pavements. Wuhan University of Technology. Journal (Material Science Edition), 25(4), 645-649.

* C CITG DC RRE

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