

## CURRICULUM VITAE

April 2010

**Name** : Maasland, Emiel  
**Born** : December 5, 1970, Rotterdam, the Netherlands  
**Office Address** : SEOR, Erasmus University Rotterdam  
Room H07-30  
P.O. Box 1738  
3000 DR Rotterdam  
The Netherlands  
Phone: + 31 - 10 - 4081513  
Fax: + 31 - 13 - 4089650  
E-mail: [emaasland@ese.eur.nl](mailto:emaasland@ese.eur.nl)  
Homepage: [www.emielmaasland.com](http://www.emielmaasland.com)

### *Education*

1996 - 2000 : CentER, Tilburg University (The Netherlands).  
Ph.D. Supervisor: Prof. dr. E.E.C. van Damme.  
1996 - 1999 : Netherlands Network of Economics (NAKE - <http://www.nake.nl>).  
Diploma conferred in December 1999.  
1997 : Graduate Program in Economics (GPE).  
1991 - 1996 : MA in Economics, Erasmus University Rotterdam (The Netherlands).  
Thesis: *The Role of Information Acquisition in a Strategic Context*.  
Degree conferred in September 1996 (Supervisor: Prof. dr. M.C.W. Janssen).  
1989 - 1991 : First Year's diploma in Econometrics, Erasmus University Rotterdam  
(The Netherlands).

### *Professional Experience*

2003 - present : 0% Appointment, Department of Economics, ("Capaciteitsgroep Algemene  
Economie"), Erasmus University Rotterdam.  
2001 - present : Researcher SEOR, Erasmus University Rotterdam, <http://www.seor.nl>.  
Fellow Erasmus Competition and Regulation Institute (ECRI),  
<http://www.ecri.nl>.  
1996 - 2000 : Research Assistant (AIO), CentER for Economic Research, Tilburg University  
(The Netherlands).  
1994 - 1995 : Erasmus Advies Project  
<http://www.aeclipse.nl/>

Topic: Improving the labor force participation rate in the Netherlands in the next 10 to 20 years within a steady financial framework.  
(Supervisors: Prof. dr. F.W. Rutten, Prof. dr. J. van Sinderen and dr. R.S.G. Lenderink).

### ***Research Interests***

Auction Theory, Applied Game Theory, Microeconomic Theory, Industrial Organization, Competition Policy and Regulation.

### ***Prizes***

1996 Erasmus thesis prize - Faculty Prize of Faculty of Economics for best master's thesis within the Faculty, 1995 - 1996.

### ***Grants***

2000 : SIR-grant 12-3983 NWO (Young Economists' Conference 2000).  
1999 : SIR-grant 12-3778 NWO (ESEM99).

### ***Consultancy and Policy Advice***

2010 : Ministry of Education, Culture and Science; Kosten en baten van concurrentie in het voortgezet onderwijs.

2009-2010 : Ministry of Education, Culture and Science; Financial incentives, mergers, and scale in education sector.

2009-2010 : Dienst Economische Zaken Curaçao; Opstellen Financieringsverzoek: Mededingingsautoriteit voor Curaçao.

2008-2010 : Ministry of Economic Affairs; Onderzoek naar Wisselwerking Auteursrecht en Mededingingsrecht.

2008-2009 : UK Telecom operator; Advice on bidding in the UK 2.6 GHz-auction.

2008-2009 : Agentschap Telecom; Implementation Dutch 2.6 GHz-auction.

2007-2008 : Ministry of Finance; Evaluatie Benzineveiling.

2007-2008 : Ministry of Economic Affairs; Advice on the allocation of TDAB, 2.6 GHz, and FM/AM frequencies.

2007 : RWI (Raad voor Werk en Inkomen); Reïntegratie door gemeenten.

2006 : Ministry of Health, Welfare and Sport; Marktprikkels in het opleidingsfonds.

2006 : Greenpeace Nederland; Economic Effects of a Durable Energy Scenario.

2005-2006 : European Commission; Evaluation of the ESF Support to Capacity Building.

- 2005 : MKB Nederland; Concurrentiepositie MKB.
- 2005 : Vereniging Afvalbedrijven; Toekomst sorten.
- 2004-2008 : European Notaries.
- 2004 : Afvalsturing Friesland NV; Strategy Local Waste Collection and Treatment.
- 2004 : Ministry of Economic Affairs; Literature Survey on Cost-Benefit Analysis of Competition Authorities.
- 2004 : Ministry of Economic Affairs; Background Study into the Economics of Demand-Side Financing.
- 2003-2004 : Proximus (Belgacom Mobile); The development of market shares in the Belgian telecom market.
- 2003-2004 : Accell Group N.V.; Second Opinion Research on NMa-report on Bicycle Market.
- 2003 : NVP (Dutch organization for Psychotherapists); Second Opinion Research on the market for Psychotherapy.
- 2002 : Ministry of Economic Affairs; Second Opinion Research on Auctioning Telephone Numbers.
- 2002 : TotalFinaElf; Second Opinion Research on NMa-report on Gasoline Market.
- 2002 : Ministry of Education, Culture and Science; Advice on the beauty contest of AM and FM frequencies for commercial radio.
- 2001-2002 : Ministry of Economic Affairs; MDW-project "Auctions and Alternative Allocation Mechanisms" (together with Maarten Janssen (EUR), Roger Van den Bergh (EUR), and external experts: Tilman Börgers (UCL), Benny Moldovanu (Mannheim), Tim Salmon (Florida), David Newbery (Cambridge)).
- 2001 : Czech Telecommunications Office; Advice on the Czech 3G-auction (together with Maarten Janssen).
- 2001 : Dutch parliament; Evaluation of the Dutch UMTS-auction (together with Maarten Janssen (EUR), Roger Van den Bergh (EUR), Wim Derksen (EUR) et al.; external experts: Tilman Börgers (UCL), Paul Klemperer (Oxford), David Newbery (Cambridge)).
- 2000 : Ministry of Transport, Public Works and Water Management; Advice on the auction of AM and FM radio frequencies.
- 2000 : Wind; Advice on bidding in the Italian UMTS-auction (together with Eric van Damme and Sander Onderstal).
- 1998 - 2000 : Ministry of Finance; Advice on the auction of petrol stations along the Dutch highway (together with Eric van Damme and Sander Onderstal).

## ***Teaching Experience***

### *In Rotterdam:*

- Auction Theory (including Real Life Examples), Lecture for students of the Economics Association at the University of Aarhus (Denmark), April 28, 2006.
- Intermediate Microeconomics (Second Year's), 2005.
- Auctions and Asymmetry (Third/Fourth Year's), Guest Lecture, April 26, 2004 & May 2, 2005.
- Auctions (First Year's), Guest Lecture, February 18, 2004 & February 9, 2005.
- Introduction Auction Theory & Case Study: Spectrum Auctions, Postdoctorale Opleiding Economische Journalistiek (Lecture for Journalists), December 8, 2003.

### *In Tilburg (tutorials):*

- Microeconomics (First Year's), 1999.
- Microeconomics (Master's): Adverse Selection, Moral Hazard, Mechanism Design, and Social Choice, 1998-1999.
- Information Economics (Third Year's), 1997.

## ***Invited Guest Lectures***

- University of Amsterdam, Netherlands, Applied Industrial Organization (Topic: License Auctions), May 11, 2005 & May 3, 2006 & February 28, 2007 & February 25, 2009 & February 10, 2010.
- Halu Oleo University, Kendari, Indonesia, Lecture on 'Auction Theory and Its Applications', September 1, 2007.
- Chiang Mai University, Thailand, Lecture on 'Auction Theory and Its Applications', October 28, 2005.
- Chulalongkorn University, Bangkok, Thailand, Lecture on 'Auction Theory and Its Applications', October 25, 2005.
- Satya Wacana Christian University (UKSW), Salatiga, Indonesia, Lecture on 'Auction Theory and Its Applications', August 20, 2004.
- University of San Carlos, Cebu City, Philippines, Lecture on 'Auction Theory and Its Applications', November 28, 2003.
- Gadjah Mada University, Yogyakarta, Indonesia, Lecture on 'Auction Theory and Its Applications', April 1, 2003.
- University of Indonesia, Jakarta, Indonesia, Lecture on 'Auction Theory and Its Applications', March 25-27, 2003.

## ***Publications***

### **I Journal Articles (refereed in English language journals)**

1. Simultaneous Pooled Auctions with Multiple Bids and Preference Lists, *Journal of Institutional and Theoretical Economics* **166(2)**, 2010, pp. 286-298 (with Maarten Janssen and Vladimir Karamychev).
2. Early Mover Advantages: An Empirical Analysis of European Mobile Phone Markets, *Telecommunications Policy* **32(3-4)**, 2008, pp. 246-261 (with Gouvert Bijwaard and Maarten Janssen).
3. Auctions with Financial Externalities, *Economic Theory* **32(3)**, 2007, pp. 551-574 (with Sander Onderstal).

4. Going, Going, Gone! A Swift Tour of Auction Theory and Its Applications, *De Economist* **154(2)**, 2006, pp. 197-249 (with Sander Onderstal). Erratum: *De Economist* **154(3)**, 2006, p. 481.
5. How (Not) to Raise Money, *Journal of Political Economy* **113(4)**, 2005, pp. 897-918 (with Jacob Goeree, Sander Onderstal, and John Turner).

## II Chapters in Books

1. Levelling the Playing Field in Auctions and the Prohibition of State Aid (with Yves Montangie and Roger Van den Bergh), chapter in *Auctioning Public Assets: Analysis and Alternatives*, M.C.W. Janssen (ed.), Cambridge University Press (pub.), 2004.
2. An Analysis of the European 3G Licensing Process (with Benny Moldovanu), chapter in *Auctioning Public Assets: Analysis and Alternatives*, M.C.W. Janssen (ed.), Cambridge University Press (pub.), 2004.

## III Journal Articles (in Dutch, refereed)

1. Veiling mobiel internet bezorgt hoofdbreken, *Economisch Statistische Berichten* **95**, nr. 4583, 16 april 2010, pp. 237-238 (Article on the Dutch 2.6 GHz-auction).
2. Polderparade 2009, *TPEdigitaal* 4/2009, pp. 119-128.
3. Polderparade 2008, *TPEdigitaal* 4/2008, pp. 1-6 (with Ewa Mendys-Kamphorst).
4. Polderparade 2007, *TPEdigitaal* 1/2007, pp. 119-126 (with Ewa Mendys-Kamphorst).
5. Opleiden medisch specialisten moet transparanter, *Economisch Statistische Berichten* **92**, nr. 4511, 1 juni 2007, pp. 340-342 (with Marco Varkevisser, Stéphanie van der Geest, Erik Schut).
6. Geld inzamelen voor het goede doel: hoe doe je dat?, *AENORM* **51**, 2006, pp. 30-32 (with Sander Onderstal).
7. Auction Theory, *Medium Econometrische Toepassingen* **13(4)**, 2005, pp. 4-8 (with Sander Onderstal).
8. Bloed, zweet en tranen: De radiomarkt en de verdeling van de commerciële radiofrequenties, Chapter 8 in W. Dolfsma and R. Nahuis (eds.), *KVS Pre-adviezen 2005*, Amsterdam: Koninklijke Vereniging voor de Staatshuishoudkunde, 2005, pp. 117-140 (with Sander Onderstal and Paul Rutten).
9. Geen uitruil tussen concurrentie op de veiling en concurrentie op de markt, *Economisch Statistische Berichten* **89**, nr. 4447, 25 november 2004, p. 575.
10. Lobbyen in de polderether, *I&I: Nieuwe Media in Perspectief* **21(5)**, 2003, pp. 18-21 (with Maarten Janssen).
11. Veilingmiljarden zijn een fictie, *Economisch Statistische Berichten* **85**, nr. 4259, 9 juni 2000, p. 479 (Article on the Dutch UMTS-auction). Also published in the Year-book 2000/2001 of the Koninklijke Vereniging voor de Staatshuishoudkunde, pp. 113-114.

## IV Reports of Consultancy Research

1. Vervolgadvies TDAB-veiling (with Maarten Janssen), consultancy report voor Ministry of Economic Affairs, July 2008.
2. Evaluatie Benzineveiling (with Maarten Janssen, Marco Varkevisser, Stéphanie van der Geest), consultancy report voor Ministry of Finance, January 2008.
3. Cost-Benefit Analysis of the Latin Notary System versus the American System with respect to a House Sale Transaction (with Elbert Dijkgraaf, Ewa Mendys-Kamphorst, Yves Montangie, Roger Van den Bergh), consultancy report voor Koninklijke Notariële Beroepsorganisatie (K.N.B.), Internationale Raad van het Belgisch Notariaat (I.R.B.N.), and Conseil Supérieur du Notariat Français (C.S.N.), January 2008.
4. Re-integratie door gemeenten: zelf doen, uitbesteden of samenwerken? (with Jaap de Koning, José Gravesteijn-Ligthelm, Arie Gelderblom, Olivier Tanis), consultancy report voor de Raad voor Werk en Inkomen (RWI), January 2008.

5. Vervolgadvies TDAB-veiling: Vormgeving incrementregel (with Maarten Janssen), consultancy report voor Ministry of Economic Affairs, November 2007.
6. Advies over de verdeling van TDAB-, 2,6 GHz-, en FM/AM-frequenties (with Maarten Janssen), consultancy report voor Ministry of Economic Affairs, June 2007.
7. Naar een meer transparante opleidingsmarkt: Marktprikkels in het opleidingsfonds (with Marco Varkevisser, Stéphanie van der Geest, Erik Schut), consultancy report voor Ministry of Health, Welfare and Sport, December 2006.
8. Werk, kennis en innovatie: Effecten van een duurzaam energiescenario (with Elbert Dijkgraaf and Kees Zandvliet), consultancy report voor Greenpeace Nederland, November 2006.
9. Evaluation of the ESF Support to Capacity Building (with Jaap de Koning, Katja Korolkova, Peter van Nes), consultancy report voor European Commission, October 2006.
10. Concurrentiepositie MKB: Concurrenieren in een nieuw Europa (with Elbert Dijkgraaf, Arie Gelderblom, Jaap de Koning, Ewa Mendys-Kamphorst, Peter van Nes), consultancy report voor MKB-Nederland, October 2005.
11. Toekomst storten (with Elbert Dijkgraaf), consultancy report voor Vereniging Afvalbedrijven, 2005.
12. Analyse OLAF-Afvalsturing Friesland (with Elbert Dijkgraaf and Yves Montangie), consultancy report voor Afvalsturing Friesland N.V., November 2004.
13. Vervolgonderzoek over de Nederlandse fietsenbranche (with Maarten Janssen and Govert Bijwaard), consultancy report voor Accell Group N.V., October 2004.
14. Literatuurstudie naar de kosten en baten van markttoezichthouders (with Maarten Janssen and Elbert Dijkgraaf), consultancy report voor Ministry of Economic Affairs, April 2004.
15. The Economics of Demand-Side Financing (with Maarten Janssen and Ewa Mendys-Kamphorst), consultancy report voor Ministry of Economic Affairs, February 2004.
16. Internationale vergelijking ontwikkeling marktaandeelen in de mobiele telecomsector (with Maarten Janssen, Govert Bijwaard, Ewa Mendys-Kamphorst), consultancy report voor Proximus, January 2004.
17. Zienswijze op NMA-onderzoek adviestarieven NVP (with Maarten Janssen and Yves Montangie), consultancy report voor Nederlandse Vereniging voor Psychotherapie, November 2003.
18. Economisch Second Opinion Onderzoek over NMA-rapport No. 1615/380.R137 van 27 november 2002 over de Nederlandse fietsenbranche (with Maarten Janssen and Ewa Mendys-Kamphorst), consultancy report voor Accell Group N.V., August 2003.
19. Second Opinion Onderzoek naar de Veiling van Telefoonnummers (with Maarten Janssen), consultancy report voor Ministry of Economic Affairs, November 2002.
20. Economisch *Second Opinion* Onderzoek over NMA-onderzoek Motorbrandstoffensector (with Maarten Janssen, Nico van der Windt, Marcella Petri), consultancy report voor TotalFinaElf, July 2002.
21. Auctions and Beauty Contests: A Policy Perspective (international team), consultancy report voor Ministry of Economic Affairs, April 2002.
22. Beauty Contest of Flemish Commercial Radio (with Maurice Dykstra), Chapter 12 in: M.C.W. Janssen (ed.), Auctions and Beauty Contests: A Policy Perspective, consultancy report voor Ministry of Economic Affairs, April 2002, pp. 207-229.
23. The Czech 3G-Auction: The Auction Stage (with Maarten Janssen), consultancy report voor Czech Telecommunications Office, July 2001.
24. De draad kwijt? Onderzoek naar de gang van zaken rond de Nederlandse UMTS-veiling (team Erasmus University), consultancy report voor Dutch Parliament, June 2001 (Dutch UMTS-auction).
25. Veiling MBVP's langs Rijkswegen (with Eric van Damme and Sander Onderstal), consultancy report voor Ministry of Finance, 2000 (Auction of Petrol Stations).
26. Asymmetrisch veilen: waarom? (with Eric van Damme), consultancy report voor Ministry of Finance, 1998 (Asymmetric Auctions).
27. Asymmetrie: De Amerikaanse spectrumveilingen (with Eric van Damme), consultancy report voor Ministry of Finance, 1998 (Asymmetry in the FCC Auctions).

## **V Discussion Papers / Work in Progress**

1. Auctions with Flexible Entry Fees, TI-Discussion Paper 09-109/1 (with Maarten Janssen and Vladimir Karamychev).
2. Simultaneous Pooled Auctions with Multiple Bids and Preference Lists, TI-Discussion Paper 08-034/1 (with Maarten Janssen and Vladimir Karamychev).
3. Early Mover Advantages: An Empirical Analysis of European Telecom Markets, TI-Discussion Paper 05-007/1 (with Govert Bijwaard and Maarten Janssen).
4. Optimal Auctions with Financial Externalities, CentER Discussion Paper 02-21 (with Sander Onderstal).
5. Procuring Universal Telecommunication Services, mimeo, January 2000.
6. Information Acquisition in the Stackelberg Model, mimeo, April 1999 (with Maarten Janssen).
7. On the Unique D1-equilibrium in the Stackelberg Model with Asymmetric Information, CentER Discussion Paper 97-106 (with Maarten Janssen).

## **VI Workshop Reports (NAKE)**

1. Modeling Bounded Rationality - Ariel Rubinstein.
2. The Economics of the Firm - John Roberts.
3. The Economics of Auctions - Paul Klemperer.

## ***Other Scientific Activities***

- Referee for *American Economic Review*, *Annales d'Economie et de Statistique*, *CPB Discussion Paper Series*, *Economic Journal*, *Economic Theory*, *Energy Journal*, *European Journal of Comparative Economics*, *International Economic Review*, *International Journal of Industrial Organization*, *Journal of Economic Behavior & Organization*, *Journal of Economic Theory*, *Journal of Political Economy*.
- Organisation of SEOR-ECRI Symposium 'To Auction Or Not To Auction', Erasmus University Rotterdam, January 16, 2002. Keynote-speaker: Paul Klemperer.

## ***Management***

- 2005-present : Chairman Staff Representation SEOR B.V.  
2005 : Member of Preparatory Committee for Staff Representation SEOR B.V.

## ***Conference, Workshop, and Seminar Presentations since 1997***

- Tinbergen Institute, University of Amsterdam (May 7, 2010).
- Zomerschool 2009: De economie van regulering, Rijksacademie voor Financiën en Economie, Ministerie van Financiën, Den Haag (June / July 2009), see <http://www.rijksacademie.nl/training/?v=2&id=53&cid=11>.
- One-day KWG-ITW/TILEC workshop on 'The Theory and Practice of Auctions' with the cooperation of CentERlab, Presentation on 'The Dutch 2.6 GHz Auction', Tilburg University (February 27, 2009), see <http://www.tilburguniversity.nl/tilec/events/conferences/27022009/>.
- European Association for Research in Industrial Economics Annual Conference, Amsterdam (August 2006).
- NATP-II Workshop on Spectrum Management [European Commission], Zwolle (April 3-6, 2006).
- NATP-II Workshop on Market Opening Strategy [European Commission], Athens (February 5-9, 2006).
- Department of Economics, National University of Singapore (March 31, 2005).

- CPB Seminar, Discussant of “Bidding on the Unemployed? How Auction Theory Supports the Procurement of Welfare-to-Work Services” by Pierre Koning and Sander Onderstal (May 11, 2004).
- Reading Group Auctions, Erasmus University, Rotterdam (February 18, 2004).
- Conference on ‘Auctions and Market Design: Theory, Evidence, and Applications’, FEEM, Milan (September 25-27, 2003), Discussant of “Late and Multiple Bidding in Competing Second Price Internet Auctions” by Marta Kolodziejczyk.
- Conference on ‘Competition and Market Power’, University of Groningen (December 12-13, 2002), Discussant of “Using First-Price Auctions to Sell Heterogeneous Licenses” by Jacob K. Goeree and Theo Offerman.
- Conference on ‘Auctions and Market Design: Theory, Evidence, and Applications’, FEEM, Milan (September 26-28, 2002).
- Institute of Economic Theory I, Humboldt University, Berlin (July 17, 2002).
- ESR-meeting ‘Competition and Regulation’, Tilburg University (December 12, 2000).
- CentER for Economic Research, Tilburg University (November 29, 2000).
- First World Congress of the Game Theory Society, Bilbao (July 24-28, 2000).
- International Conference on Game Theory, SUNY at Stony Brook (July 10-15, 2000).
- Young Economists’ Conference, University of Oxford (March 2000).
- 7th ENTER Jamboree, UCL, London (January 2000).
- NAKE-Day, Erasmus University, Rotterdam (October 22, 1999).
- European Association for Research in Industrial Economics Annual Conference, Turin (September 1999).
- Econometric Society European Meeting, Santiago de Compostela (August 1999).
- International Conference on Game Theory, SUNY at Stony Brook (July 1999).
- 6th ENTER Jamboree, ULB, Brussels (January 1999).
- CentER for Economic Research, Tilburg University (February 1997).

***Conferences / Symposia/ Workshops / Summer Schools since 1997 (without presentation)***

- ENCORE Annual Conference 2005: ‘Welfare and Competition’, Amsterdam (April 14, 2005).
- ENCORE Workshop ‘Evaluation of Competitive and Regulatory Policies’, The Hague (February 24, 2005).
- SEOR-ECRI Symposium ‘To Auction Or Not To Auction’, Erasmus University Rotterdam, (January 16, 2002).
- Workshop on ‘Auctions: Institutional Aspects and Empirical Analysis’, ECARES, Université Libre de Bruxelles, Brussels (November 9-11, 2001).
- Workshop ‘Power Auctions’, Tilburg University (March 23, 2001). Organized by the Law & Economics Program (a joint initiative of CentER and the Schoordijk Institute). Organizers: Eric van Damme and Leigh Hancher.
- Conference Liberalization of the Energy Sector: ‘Power to the People?’, Tilburg University (February 13, 2001). Organized by VITE International. Chairman: Eric van Damme.
- NAKE-Day, Dutch Central Bank, Amsterdam (October 13, 2000).
- Workshop on ‘Multi-Unit Auctions’, SUNY at Stony Brook (July 16-18, 2000). Organizer: Philip Reny (see <http://www.gtcenter.org/>).
- Conference on ‘Auctions and Market Structure’, Heidelberg (July 6-9, 2000). Organizer: Benny Moldovanu.
- Conference on ‘Trading under Asymmetric Information: Thirty Years after Market for Lemons’, Erasmus University, Rotterdam (June 25-26, 1999). Organizers: Maarten Janssen and Santanu Roy.
- Conference ‘Economiseren van de samenleving’, Tilburg (June 17, 1999).
- Workshop on ‘Auctions: Institutional Aspects and Empirical Analysis’, CORE, Université catholique de Louvain, Louvain-la-Neuve (May 26-27, 1999).
- Round-table Conference ‘Auctioning Frequencies for Broadcasting’, Institute for Information Law, Amsterdam (May 8, 1999).

- Tilburg Competition Forum 'Een jaar NMa: Mededingingsbeleid, mededingingseconomie en mededingingsrecht in Nederland', Tilburg University (April 29, 1999).
- Conference on 'Economics of Networks', Tinbergen Institute, Rotterdam (March 25-26, 1999). Organizers: Sanjeev Goyal and Paul de Bijl.
- Symposium 'Experience versus Rational Expectations; Quo Vadis, Economics?', Tilburg University (November 27, 1998).
- ESEM/EEA98, Berlin (August / September 1998).
- EEA97, Toulouse (August / September 1997).
- 4th ENTER Jamboree, Tilburg University (January 1997).

### ***Radio Appearances***

Radio 1, Met het oog op morgen (NOS) 5 July 2000 on the Dutch UMTS-auction.  
 Business Nieuws Radio 6 July 2000 on the Dutch UMTS-auction.

### ***Some Recent Press Articles (quotations)***

NRC-Handelsblad (a Dutch national newspaper) article 8 July 2000 on the Dutch UMTS-auction, "De duivel zit in de details".  
 NRC-Handelsblad (a Dutch national newspaper) article 26 August 2000 on the Dutch UMTS-auction, "UMTS-veiling roept vragen op".