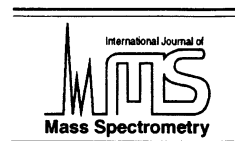




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## Nicolaas Martinus Maria Nibbering: Curriculum Vitae

### Date of birth:

May 29, 1938, Zaandam, The Netherlands, Dutch citizen

### Marital status:

Married to Christina A. de Waart, 4 children: Erik Hans, Vincent, Karin

### High school education:

Zaanlands Lyceum, Zaandam, 1950–1956; Gymnasium □ examen, June 15, 1956

### Academic details:

July 7, 1960: Kandidaatsexamen chemistry (cum laude), University of Amsterdam

March 25, 1964: Doctoraal examen chemistry (cum laude), University of Amsterdam, (main discipline: Physical Organic Chemistry)

October 2, 1968: Ph.D. (cum laude), University of Amsterdam, (Title thesis: “Mass Spectrometry of some aralkyl compounds with a functional group in the side-chain.” Promotor: Prof. Dr. Th.J. de Boer)

1967: Permanent staff member at the University of Amsterdam in charge of mass spectrometry

1975: Associate Professor of Organic Mass Spectrometry at the University of Amsterdam

1980–1988: Full Professor of Organic Mass Spectrometry at the University of Amsterdam

1988–present: Full Professor of Chemical Mass Spectrometry at the University of Amsterdam

Scientific Director of the Institute of Mass Spectrometry at the University of Amsterdam, 1988–present.

### Visiting professorships:

Visiting faculty member of the Cornell University at Ithaca, New York, USA with Professor F.W. McLafferty in 1974

Guest Professor at the University of Colorado, Boulder, USA in 1980 to give a summer course in advanced mass spectrometry (10 research lectures)

### Research awards:

Unilever Chemistry Prize in 1964

Shell Research Chemistry Prize in 1968

Thomson Award in 1991

Joannes Marcus Marci Award in 1992

### Membership and responsibilities in professional societies:

Member of the Royal Netherlands Academy of Arts and Sciences, New York Academy of Sciences, the Royal Netherlands Chemical Society, the American Society for Mass Spectrometry, the German Society for Mass Spectrometry, the Japanese Society for Mass Spectrometry

Honorary member of the Netherlands Society for Mass Spectrometry, The British Society for Mass Spectrometry and the Indian Society for Mass Spectrometry

Member of the Scientific Advisory Board of the 8th, 9th, 10th, and 11th International Mass Spectrometry

Conferences, the Organizing Committee of the 11th and 13th International Mass Spectrometry Conferences, Chairman of the 12th International Mass Spectrometry Conference, held in 1991 at Amsterdam.

Member of the Organizing Committee of the NATO meetings, held in 1990 at Mont Ste Odile, France and in 1995 at Grainau, Germany. Chairman of the Netherlands Mass Spectrometry Discussion Group, 1973–1975

Member of the University Council of the University of Amsterdam, 1973–1975

Chairman of the 2nd European FTMS Workshop, held in 1993 at Antwerp, Belgium

Chairman (1994–1997) and President (1997–2000) of the European Society for Mass Spectrometry

Member of the Working Committee (1994–1997), Treasurer (1997–2000), President of the International Mass Spectrometry Society (2000–)

Chairman (1993), secretary (1992, 1976, 1975 and 1974) and member (1991) of the board of the working committee for Physical Organic Chemistry of the chemistry division (SON) of the Netherlands Science Foundation

Member of the Royal Society for Physics “Diligentia”, the Board of Directors of the John van Geuns Foundation 1992–2000, the Advisory Board of the Institute for Biotechnology and Chemistry of CIVO-TNO at Zeist since 1982, the Scientific Board of the Foundation for Quality Guarantee of the Veal Calf Sector (SKV) at The Hague, the Scientific Council of the Department of Chemistry of the Ecole Polytechnique at Palaiseau, France, Board of the Havinga Fund, Board of the Ramsay Memorial Fund

Scientific Consultant of the FOM-Institute for Atomic and Molecular Physics, Amsterdam

#### **Editorial responsibilities:**

Co-Editor of *Mass Spectrometry Reviews* 1991–2000.

Editor of the *Journal of Mass Spectrometry* 1995–2000.

Editorial Board member of *Organic Mass Spectrometry* (1989–1994), *International Journal of Mass Spectrometry*, *Journal of the American Society for Mass Spectrometry*, *Rapid Communications in Mass Spectrometry*, *Trends in Analytical Chemistry* (1986–1990), *Journal of Analytical and Applied Pyrolysis* (1979–1984).

#### **Invited lectures:**

Over 60 Plenary, Keynote and Invited Lectures in Europe, North America, India, China, Japan and Australia, many at major international conferences.

#### **Research interests:**

Mechanisms of unimolecular reactions of organic gas phase ions using isotopic labeling and electron ionization, chemical ionization and field ionization mass spectrometry, in particular time-resolved mass spectrometry (field ionization kinetics)

Negative ion mass spectrometry, including charge reversal. Structures of ions using collision induced dissociation

Mechanisms of ion/molecule reactions (both positive and negative ions) at low pressures using Fourier transform ion cyclotron resonance mass spectrometry. Instrumental developments in mass spectrometry, of interest for both gas phase ion chemistry studies and analytical applications

Supramolecular assemblies and polymers studies using electrospray, field desorption and matrix-assisted laser desorption ionization mass spectrometry.

Work on the above topics has so far resulted in nearly 400 publications