

The International Society of Photosynthesis Research (ISPR) and its associated International Congress on Photosynthesis (ICP): a pictorial report

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Abstract We present here some thoughts on the origin of the International Society of Photosynthesis Research (ISPR). We provide two tables, one of the Officers of the ISPR and the International Photosynthesis Committee, and the other of the Organizers of the International Congress of Photosynthesis (ICP) from the 14th ICP (PS07 in Glasgow) to the 9th ICP (in Nagoya). In celebration of the 14th ICP, we provide here a collection of photographs of the many involved in the ISPR and the ICP as well as some of the others. We end this presentation with the list of members of the committees of the ISPR. If there are any errors in this report, we request the readers to send them to one of us (G; gov@uiuc.edu). Further, we are seeking recollections on ISPR and the Congresses from all the readers of the events during the 1992–1998 period. Hopefully, these will shed further light on the origin and the evolution of the ISPR. These will aid in the preparation of a more complete history of the origin and the evolution of ISPR for publication in 2008.

Keywords Budapest · Canberra · Glasgow · International Congresses of Photosynthesis · International Society of Photosynthesis (ISPR) · Montreal · Nagoya · Officers of ISPR · Origin of ISPR · Photographs of photosynthesis researchers

Abbreviations

<i>Committee</i>	International Photosynthesis Committee
ICP	International Congress (or Congresses) on Photosynthesis
ISPR	International Society of Photosynthesis Research

Introduction

The photosynthesis community at large may not know how and when the International Society of Photosynthesis Research (ISPR; <http://www.photosynthesisresearch.org>) originated. Based on a personal discussion with Robert Blankenship (on April 14, 2007) and an e-mail (Wednesday, February 28, 2007) from Norio Murata to one of us (G), it seems that its seeds were sown in 1992 in Nagoya, Japan, at the 9th International Congress on Photosynthesis. Blankenship recalls that one argument advanced in favor of the creation of ISPR was related to increasing the readership of the journal *Photosynthesis Research* since society-run journals, e.g., *Plant Physiology*, did much better with it. Murata recalls another reason:

“I am writing a piece of history and, in particular, on the origin of ISPR. When I organized the 9th International Congress on Photosynthesis (ICP) in 1992, I faced difficulties in receiving financial support from public and private foundations/companies, because our Congress was not sponsored by an international society. I had to explain to the officers in these organizations, with great effort, that our Congress had as long a history as other international congresses that were based on their international societies. With this

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experience, I proposed, at the meeting of the International Committee in 1992, that we initiate the organization of an ISPR. The Society was founded during the 10th Congress, in Montpellier, France, that was organized by Paul Mathis.’’

Initially, and informally, the name of the still-to-be-formed Society was mentioned as the International Society of Photosynthesis in some documents, but its name was the International Society of Photosynthesis Research, ISPR, when it became a formal society. Letters in the files provided by Wolfgang Junge and in e-mail files, given to us by Donald Ort, show that it was Junge who had correctly added ‘‘R’’ to ‘‘ISP,’’ making it ‘‘ISPR.’’ The ISPR was formed on August 22, 1995 at the 10th ICP at Montpellier, France, under the leadership of Paul Mathis. However, it was not until 1998, i.e., at the time of the 11th ICP, at Budapest, Hungary, that ISPR was in full swing, giving sponsorship to that Congress.

After studying all the documents available to us (hard-copy files provided by Wolfgang Junge, the entire e-mail files provided by Donald Ort, and the files of Robert Blankenship), we plan to publish, in 2008, a detailed historical paper detailing the origin and the evolution of ISPR with relevant citations and appendices.

An important goal of this current report is to request not only the ISPR members, committee members listed, and the past and the present officers of ISPR, but the readers of this report to send one of us (G: gov@uiuc.edu) corrections, as well as their own recollections of the congresses and the ISPR for inclusion in the 2008 historical paper.

International Photosynthesis Congresses and the ISPR

Information on the early photosynthesis symposia, beginning in 1935, is available in Govindjee (2004), and a list of the triennial International Congress on Photosynthesis,

which began in 1968 under the leadership of Helmut Metzner, is published in Govindjee and Knaff (2006).

Table 1 lists officers of the ISPR, and the International Photosynthesis Committee (to be referred, hereafter, as the *Committee*) including Presidents, Secretaries, and Treasurers of the ISPR, and chairpersons and secretaries of the *Committee*. Table 2 shows the locations of the 9th–14th International Congresses of Photosynthesis (ICP), the names of the chairpersons (and/or the organizers) and vice-chairpersons of the triennial congresses, as well as the names of the Honorary Presidents.

Celebrating ISPR and the associated congresses with photographs

We honor not only those listed in this document, but all who have helped the cause of photosynthesis research. We specifically honor those who have devoted much time to the cause of photosynthesis research. References will be made to specific photographs in the sections that follow.

Figure 1 shows photographs of Eva-Mari Aro, Robert Blankenship, Donald Ort, and Wolfgang Junge, who have served as Presidents of the ISPR (Table 1); it also shows photographs of (listed here alphabetically): Robert Carpenter, Christa Critchley, Gy z  Garab, Christine Foyer, Paul Mathis Norio Murata and Barry Osmond, who have served as Chairpersons/Organizers of the ICPs (Table 2).

Figure 2 shows photographs of James Barber, Keith Boardman, and Govindjee, Honorary Presidents of three of the recent Congresses. We also show here several interesting photographs: Wolfgang Junge, Paul Mathis, and Donald Ort becoming ‘‘Brotherhood Knights’’ of the Order of ‘‘Vinum Agriense’’ (Eger) in 1998 in Budapest; Gy z  Garab celebrating the keynote lecture by Hartmut Michel, with Paul Mathis and Michel; participants dancing in Montpellier in 1995, celebrating not only the formation of

Table 1 Officers of the ISPR and the *Committee*

Term	2004–2007	2001–2004	1998–2001	1995–1998	1992–1995	1989–1992
ISPR President	Eva-Mari Aro (Finland)	Robert Blankenship (USA)	Donald Ort (USA)	Wolfgang Junge (Germany)	–	–
ISPR Secretary	John Golbeck (USA)	Kimiyuki Satoh (Japan)	Richard Cogdell (UK)	Donald Ort (USA)	–	–
ISPR Treasurer	Barry Osmond (Australia)	Hugo Scheer (Germany)	Hugo Scheer (Germany)	Norio Murata (Japan)	–	–
<i>Committee</i> Chairperson	–	–	–	–	Paul Mathis ^a (France)	Norio Murata ^a (Japan)
<i>Committee</i> Secretary ^a	–	–	–	–	Wolfgang Junge (Germany)	Paul Mathis (France)

^a The *Committee*, during 1992–1995, had Chairpersons and Secretaries. Before the establishment of the ISPR in 1995, the chairperson of the *Committee* served also as the chairperson of the local organizing committee for about 3 years and the president of the ICP (see Table 2)

Table 2 The organizers of the 9th–14th International Congress on Photosynthesis, and the Honorary Presidents

Congress # (Year)	14th (2007)	13th (2004)	12th (2001)	11th (1998)	10th (1995)	9th (1992)
Congress Site	Glasgow, UK	Montreal, Canada	Brisbane, Australia	Budapest, Hungary	Montpellier, France	Nagoya, Japan
Chairperson (s) and Vice- Chairperson(s) of Congresses	Christine Foyer ^a	Robert Carpentier Vice Chairs: Douglas Bruce and Art van der Est ^b	Barry Osmond and Christa Critchley ^c	Győző Garab ^d Vice Chairs: Gábor Horváth and Ferenc Láng	Paul Mathis Vice Chair: André Vermeglio Secretary: Yaroslav de Kouchkovsky	Norio Murata Vice Chair: Kimiya Satoh
Honorary President of Congress	James Barber (UK)	Govindjee (USA)	Keith Boardman ^e (Australia)	–	–	–

^a At the time of the preparation of this table, we were unaware of the names of other organizers; thus, it will be updated in 2008

^b In 2004, Robert Carpentier was the Congress Chairperson, whereas Art van der Est and Doug Bruce were not only the vice chairs, but also the Editors of the Proceedings of 13th International Congress of Photosynthesis; in all other ICPs, the Congress Chairpersons had been the Editors of the Proceedings

^c For the 12th ICP in 2001, Barry Osmond was the Scientific Committee Chairperson, Christa Critchley the Congress Organizer (Co-Chairperson), and, not to forget, Tony Larkum, who was the Program and ISPR Liaison. (In this report, we have considered Osmond and Critchley as Co-Chairpersons)

^d Győző Garab has requested us to state that Paul Mathis provided him much help as a co-chair of the program committee and gave him necessary advice during the years of preparation

^e Officially, Keith Boardman is listed as President, but we have considered him as ‘Honorary President’ in this document

ISPR, but also the election of Junge as its first President; the 2004–2007 officers of the ISPR (Eva-Mari Aro, John Golbeck, and Barry Osmond) with the current Chief Editor of Photosynthesis Research, David Knaff, in Turku, holding green plants that obviously were doing photosynthesis; and two views of the 50 Australian Dollar bill, donated to ISPR in 1995, showing thylakoid membranes, among other things.

Figures 3–12 show photographs of several officers with many other members of the photosynthesis community expressing the ambiance of our photosynthesis community: Presidents: Eva-Mari Aro (Fig. 3); Robert Blankenship (Fig. 4); Donald R. Ort (Fig. 5); and Wolfgang Junge (Fig. 6); Secretaries: John Golbeck (Fig. 2); Kimiyuki Satoh (Fig. 4); and Richard Cogdell (Fig. 5); Treasurers: Barry Osmond (Fig. 9); Hugo Scheer (Fig. 5); and Norio Murata (Fig. 12). Congress organizers: Christine Foyer (Fig. 7); Robert Carpentier, Douglas Bruce and Art van der Est (Fig. 8); Christa Critchley and Barry Osmond (Fig. 9); Győző Garab, Gábor Horvath and Ferenc Láng (Fig. 10); Paul Mathis, André Vermeglio and Yaroslav de Kouchkovsky (Fig. 11); and Norio Murata (Fig. 12).

The formation of the International Society of Photosynthesis Research: the 1995 Congress at Montpellier, France

Before 1995, there was no formal international photosynthesis society. There were International Photosynthesis Committees (referred to as the *Committees* in this paper).

From 1995, the function of the *Committee* was taken over by an ‘executive committee’ of the ISPR.

(See the ISPR constitution on the ISPR web site: <http://www.photosynthesisresearch.org/>).

At the Montpellier Congress in 1995, ISPR was formed at the *Committee* meeting, attended by the Congress participants. Here, Wolfgang Junge was elected as the first president of ISPR (Table 1). Junge’s record books show that he had attempted to attract Hartmut Michel (Fig. 2) to be the first ISPR president. However, when Michel did not agree to run for this position, only then did Wolfgang Junge (Figs. 1 and 6) agree to be a candidate; he was elected as president along with the secretary Donald R. Ort (Figs. 1 and 5) and the treasurer Norio Murata (Figs. 1 and 12).

Before 1995, only the International Committee of Photosynthesis existed, with first Norio Murata, as Chair, and Paul Mathis as its secretary (1989–1992) and then Paul Mathis, as Chair, and Wolfgang Junge, as secretary (1992–1995; Table 2). A Constitution of the ISPR was formulated and it had a provision for a past President, who was to be given special duties. Robert Blankenship (personal communication) pointed out an interesting twist: since there was no formal society before 1995, there was no past President. However, this role was given to Paul Mathis (Fig. 8): *he was the Past President without having been a President of ISPR!*

On 25th August, 1995 Congress, the first meeting of the ISPR Executive Committee took place. Wolfgang Junge (President); Paul Mathis (Past President); Don Ort (Secretary); Norio Murata (Treasurer); and 12 Area Representatives (Eva-Mari Aro; Robert Blankenship;



Fig. 1 Top to bottom. Row 1 (left to right): Eva-Mari Aro; Robert E. Blankenship; Donald R. Ort. Row 2 (left to right): Wolfgang Junge; Christine Foyer; Robert Carpentier. Row 3 (left to right): Barry

Osmond; Christa Critchley; Győző Garab. Row 4 (left to right): Paul Mathis; Norio Murata

Richard Cogdell; Arvi Freiberg; Susan Golden; Govindjee; Arnold Hoff; Aaron Kaplan; Vyacheslav Klimov; Anthony Larkum; Prasanna Mohanty; and Kimiyuki Sa-

toh) were in attendance. There were 400 founding members of the ISPR. When the ISPR was formed, people had donated money for it, placing it in a box. This money,



Fig. 2 Top to bottom. Row 1 (left to right): James Barber; Keith Boardman and Govindjee; Andrew Benson dancing with Christa Critchley in Brisbane in 2001. Row 2 (left to right): Paul Mathis, Wolfgang Junge, and Donald R. Ort at a ceremony in Budapest in 1998 (see text); Győző Garab, Hartmut Michel, and Paul Mathis at the reception after Hartmut’s opening lecture in Budapest. Row 3 (left to

right): Participants at the 1995 Congress in Montpellier celebrating the formation of ISPR; Eva-Mari Aro, John H. Golbeck, David Knaff, and Barry Osmond in Turku, Finland. Row 4: Two views of the 1995 Australian 50 Dollar bill showing thylakoids, among other things (see text)



Fig. 3 Two photographs of Eva-Mari Aro. Left (left to right): Natalia Krupenina, Eva-Mari Aro, Govindjee, and Marja Hakala. Right (left to right): James Barber, Eva-Mari Aro, and David Knaff toasting to the success in photosynthesis research

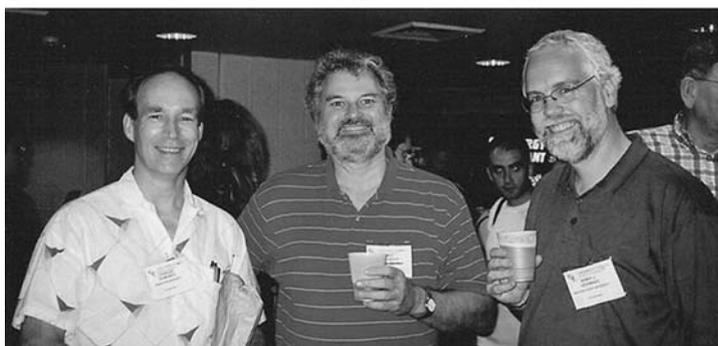


Fig. 4 Photographs of Robert Blankenship and of Kimiyuki Satoh.-Top (left to right): Robert Blankenship and Chancellor Mark S. Wrighton, with Liz Blankenship in the background, St. Louis, Mo.

Bottom Left (left to right): Charles G. Dismukes, Robert Blankenship, and Willem F.J. Vermaas at a Gordon Conference on Photosynthesis. Bottom Right (left to right): Govindjee and Kimiyuki Satoh

which amounted to US \$ 3,600, was passed on by Paul Mathis to Győző Garab, who was to then organize the 1998 Congress in Budapest. Garab used it to start a foundation for photosynthesis, named “Life from Light” that supported the Budapest Congress. Garab recalls that after the Congress, the original sum collected in France was doubled in Budapest and sent to the organizers of the 2001 Congress in Brisbane. Many attending the Congress remember the excitement when a 50 Australian dollar bill, which was donated by Christa Critchley, had a picture of thylakoids on its back side (see Fig. 2, bottom panel). The bill was supposed to be handed over to the successors

(ISPR presidents). [But we have not been able to locate it yet.] In addition to the thylakoids, the bill was decorated with DNA and Golgi apparatus, and more importantly, it celebrated CSIRO (Council of Scientific and Industrial Research Organization). What an appropriate thing for ISPR!

As mentioned earlier, there were 400 founding members of ISPR. Several members remember a bound book that they had signed at the time of the formation of the ISPR. We have not yet been able to locate it either. One of us (G) is offering, as a reward, one of the future books in the Advances in Photosynthesis and Respiration Series

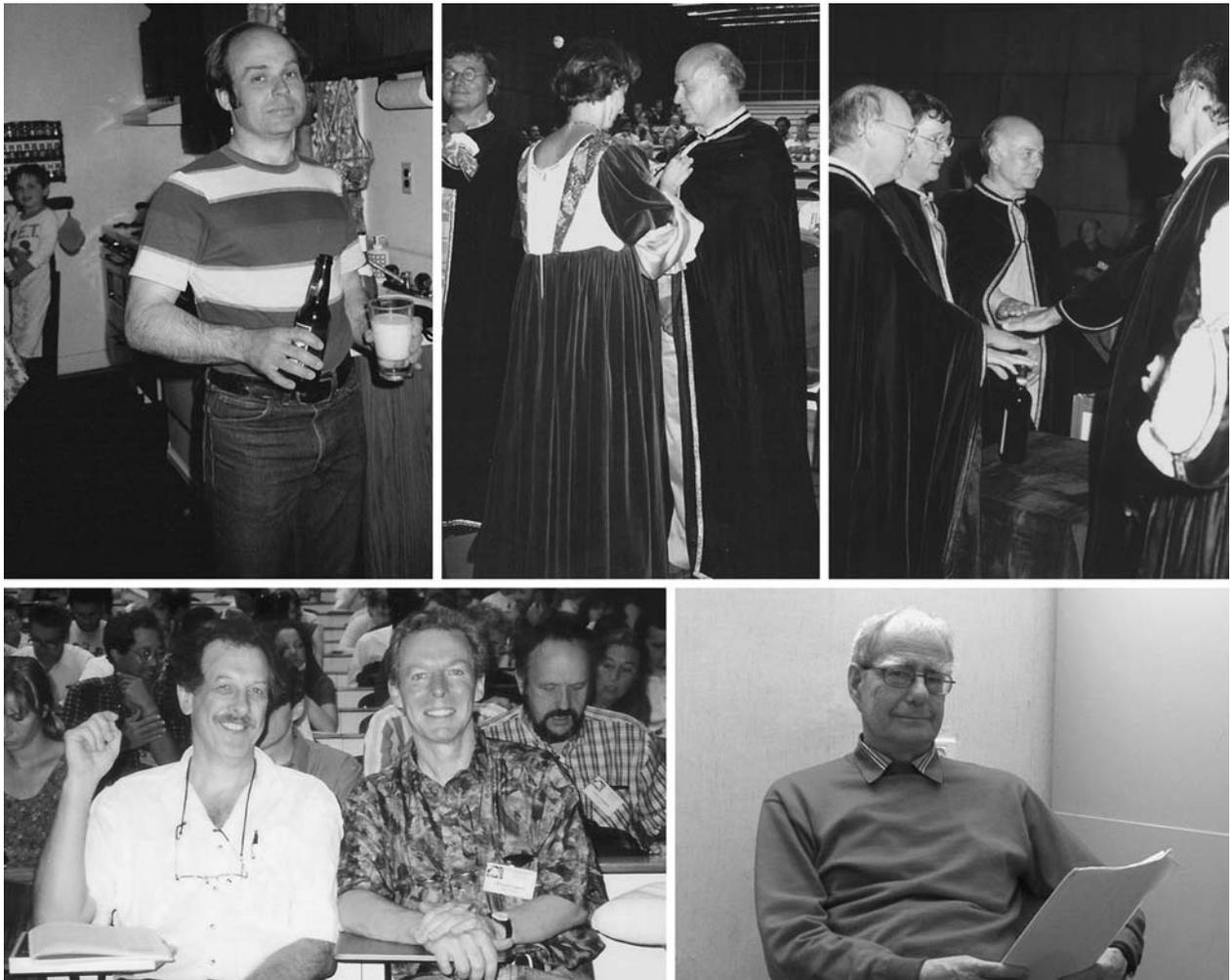


Fig. 5 Photographs of Donald R. Ort, Richard Cogdell, and of Hugo Scheer. Top Left: Donald R. Ort (USA), enjoying a glass of beer at home in Urbana. Top Middle: Ort, in a ‘regal’ gown, receiving the knighthood of the Order of ‘Vinum Agriense’ (Eger) in Budapest, Hungary, 1998. Top Right (left to right): Paul Mathis, Wolfgang

Junge, and Ort, taking oath to become the ‘Knights’ of the Order of ‘Vinum Agriense’ (Eger) in Budapest, 1998. Bottom Left (left to right): Colin Wraight and Richard Cogdell. Bottom Right: Hugo Scheer

(Springer) to the person who can find and present this lost book to him.

A letter from Wolfgang Junge to the ISPR members states ‘‘The 10th Congress is well booked and with about 1,400 participants, it may become the most frequented one in history since the first Congress at Freudenstadt (which means ‘pleasure town’ in German)’’.

The logo of the ISPR on the cover of *Photosynthesis Research*

Although the ISPR came into existence in 1995, it was not until July, 1998, that the journal *Photosynthesis Research* became the official organ of the ISPR. The emblem of ISPR appears for the first time on the cover of *Photosynthesis*

Research, Volume 57 (number 1), during the tenure of the Editor-in-chief Robert Blankenship. It was precisely at this time that the face of the cover of the journal was streamlined and changed to blue and green. (For the origin and the history of *Photosynthesis Research*, see Govindjee et al. 2002.)

The 1998 congress at Budapest, Hungary: special fun ceremony for Mathis, Junge, and Ort

In addition to the wonderful program, there was a fun event planned by the Hungarian organizing committee for Paul Mathis, Wolfgang Junge, and Donald Ort. All three were inducted to become ‘‘Brotherhood Knights’’ of the Order of ‘‘Vinum Agriense’’ (Eger). According to Gy z  Garab, Eger makes some of the best red wines. The grand



Fig. 6 Photographs of Wolfgang Junge. Top: Wolfgang Junge receiving different wines to judge, which one is the (famous) ‘Bullsblood’ of Eger, in Budapest, Hungary, 1998. Bottom Left:

Wolfgang Junge (center) with Satham Saphon, and Katie Petty. Bottom Right: (left to right): Wolfgang Junge and Govindjee



Fig. 7 Photographs of Christine Foyer and others. Left: Christine Foyer and Govindjee, Montpellier, 1995. Right (left to right): Robert Blankenship, David Kramer, Klaus Apel, Christine Foyer, and James Barber

ceremony was conducted by the Director Sándor Misik, and the Senior Researcher Borbála Báló (of Eger Wine Research Institute, currently called Research Institute for Viticulture and Enology) by giving medals to the trio. At the ceremony (see Fig. 2), Mathis, Junge, and Ort were expected to distinguish between different wine varieties

(of course, it was made easy for them). The trio had to find out which glass had the (famous) “Bullsblood” of Eger (see Fig. 6, top), and then they had to take an oath (see Fig. 5, top right) for the knighthood. The audience loved it and one of us (G) was there to take photos of this fun ceremony.



Fig. 8 Photographs of Robert Carpentier and others. Top (left to right): Eva-Mari Aro, Govindjee, Robert Blankenship, and Robert Carpentier. Bottom Left (left to right): Ronald Pace, and Doug Bruce. Bottom Right (left to right): Doug Bruce and Art van der Est

The area representatives of ISPR, the executive committee, and the International Photosynthesis Committees

The constitution of ISPR, detailing the purpose of appointments and compositions of committees today, is available on the ISPR website (<http://www.photosynthesisresearch.org>). We have already provided the names of the Presidents, Secretaries and Treasurers in Table 1. For completeness of the contributions of many scientists toward the running of our international commitment to the cause of photosynthesis research, we reproduce below the list of (A) the geographical area representatives of the ISPR from the latest to the earliest (2007–1995); and (B) *Committees* (1995–1989). Please note that since the ISPR was formed, we have an **Executive Committee**, beginning in 1995, that includes the officers of the society (President, Secretary and Treasurer, Table 1) and the Area Representatives (see the list below).

A. Area Representatives (2007–1995)

- 2004–2007

[Those that will serve till 2010 are shown in *italics*]

Europe: (including Israel): James Barber (UK), *Christine Foyer* (UK), *Neil Baker* (UK), and *Francis André Wollman* (France).

Americas: Steven Huber, *Donald Bryant*, *Arthur Grossman*, *Sabeeha Merchant*, and *Wim Vermaas* (all USA).

Rest of the World: Kozi Asada (Japan), *Katsumi Matsuura* (Japan), and Susanne von Caemmerer (Australia).

- 2001–2004

Europe: (including ex-USSR and Israel): James Barber (UK), Mark Stitt (Germany), Győző Garab (Hungary),



Fig. 9 Photographs of Christa Critchley and others. Top Left (left to right): David Walker, Christa Critchley, Govindjee, Hal Hatch, Shirley Walker, and Rajni Govindjee, Brisbane, 2001. Top Right (left

to right): Barry Osmond and Govindjee. Bottom Left: Tony and Hilary Larkum. Bottom Right (from left to right): Govindjee, Christa Critchley, and David Knaff



Fig. 10 Photographs of Győző Garab and others. Top Left (left to right): Anne Joliot, Győző Garab, and Pierre Joliot; Top Right (left to right): Garab and Jan Anderson; Bottom Left (left to right): Gárab

Horváth and Alison Telfer. Bottom Right (left to right): Hartmut Lichtenthaler and Ferenc Láng

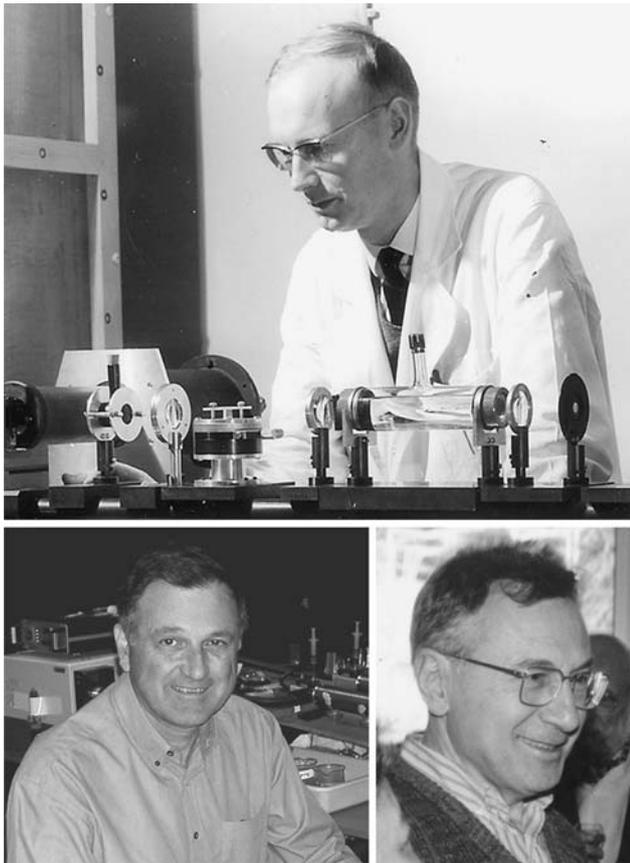


Fig. 11 Photographs of Paul Mathis and his 1995 Congress Associates. Top: Paul Mathis in his laboratory. Bottom Left: André Vermeglio. Bottom Right: Yaroslav de Kouchkovsky

Jean-David Rochaix (Switzerland), Peter Horton (UK), and Eva-Mari Aro (Finland).

Americas: Gerald E. Edwards, John Golbeck, and Steven Huber (all USA).

Africa, Asia, Oceania: Barry Osmond (Australia), Kozi Asada (Japan), and Ting-Yun Kuang (PR China).

- 1998–2001

Europe: Bertil Anderson (Sweden), Győző Garab (Hungary), Peter Horton (UK), Mark Stitt (Germany), Jean-David Rochaix (Switzerland), and Eva-Mari Aro (Finland).

Americas: Gerald Edwards, Robert E. Blankenship, and Susan S. Golden (all USA).

Africa, Asia, Oceania: Barry Osmond (Australia), Ting-Yun Kuang (PR China), and Kimiyuki Satoh (Japan).

- 1995–1998 (See, Garab 1998, p. xi)

Europe: Eva-Mari Aro (Finland), Richard Cogdell (UK), Arvi Feiberg (Estonia), Arnold Hoff (The Netherlands), Aaron Kaplan (Israel), and Vyacheslav Klimov (Russia).
The Americas: Robert Blankenship, Susan Golden, and Govindjee (all USA).

Africa, Asia, Oceania: Anthony W.D. Larkum (Australia), Prasanna Mohanty (India), and Kimiyuki Satoh (Japan).

B. International Photosynthesis Committee Members (1995–1989)

- **1995 Committee** (see, Mathis 1995, Volume I, p. ix)

Paul Mathis (France, Chairperson), Anthony W.D. Larkum (Australia), Arnold J. Hoff (now deceased; The Netherlands), Richard J. Cogdell (UK), André Vermeglio (France), Aaron Kaplan (Israel), Prasanna Mohanty (India), Vyacheslav V. Klimov (Russia), Arvi Freiberg (Estonia), Yorinao Inoue (Japan), Wolfgang Junge (Germany, Secretary), Bertil Andersson (Sweden), M. G. Guerrero (Spain), Kenneth Sauer (USA), Donald R. Ort (USA), B. Andrea Melandri (Italy), and Norio Murata (Japan, chairperson of the 1992 Committee).

- **1992 Committee** (see, Murata 1992, Volume I, p. XIX).

Norio Murata (Japan, Chairperson), Paul Mathis (France, Secretary), Margereta Baltscheffsky (Sweden, previous chairperson); Bertil Andersson (Sweden), Graham D. Farquhar (Australia), Rienk van Grondelle (the Netherlands), Miquel G. Guerrero (Spain), Peter Horton (UK), Wolfgang Junge (Germany), B. Andrea Melandri (Italy), Itzhak Ohad (Israel), Donald R. Ort (USA), Kimiyuki Satoh (Japan); Kenneth Sauer (USA), Yun-Kang Shen (PR China), and Vladimir A. Shuvalov (Russia).

- **1989 Committee** (see, Baltscheffsky 1990, Volume I, p. XXV).

Charles J. Arntzen (USA); Margereta Baltscheffsky (Sweden, Chairperson); John Biggins (USA); Graham Farquhar (Australia); Giorgio Forti (Italy); Rienk van Grondelle (The Netherlands); Hans Heldt (Federal Republic of Germany); Peter Horton (UK); Richard Malkin (USA); Paul Mathis (France); Itzhak Ohad (Israel); Kimiyuki Satoh (Japan); Yun-Kan Shen (PR China); Vladimir Shuvalov (USSR); and Ruben H. Vallejos (Argentina).

Proceedings of the International Congresses, 1989–2004

The proceedings of the 8th, 9th 10th and the 11th International Congresses of Photosynthesis were edited by Baltscheffsky (1990), Murata (1992), Mathis (1995), and Garab (1998), respectively.

The proceedings of the 12th International Congress is available free. It is best to first go to the ISPR web site (<http://www.photosynthesisresearch.org>); click on 'Archive'; then click on Brisbane 2001, and finally to the "free of charge site" <http://www.publish.csiro.au/issue/1342.htm>. You may also copy and paste it directly, if you wish.



Fig. 12 Photographs of Norio Murata. Top: Hiroko Murata and Norio Murata (in his new gown of the Honorary Doctorate of the University of Trois Rivières, 2004). Bottom Left (left to right): Norio Murata and

Jan Anderson. Bottom Right (left to right): George Papageorgiou, Prasanna Mohanty, Norio Murata, and Govindjee

The proceedings of the 13th International was edited by Van der Est and Bruce (2005).

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