

THE INTERNATIONAL PLANT PROPAGATORS' SOCIETY

**Combined Proceedings
Volume 50
2000**



AUSTRALIAN REGION EASTERN REGION NORTH AMERICA
REGION OF GREAT BRITAIN AND IRELAND
IPPS JAPAN REGION NEW ZEALAND REGION
SCANDINAVIAN REGION
SOUTHERN AFRICAN POTENTIAL REGION
SOUTHERN REGION OF NORTH AMERICA WESTERN REGION

ISSN 0538-9143

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WESTERN REGION**

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DEDICATION

The 2000 International Award of Honor was awarded to Peter Orum by the International Board of Directors. Peter Orum's influence on the International Plant Propagator's Society has been profound. Few individuals have equaled his activity, support, and dedication to I.P.P.S. over the years. His accomplishments are numerous. He has served on both the Eastern Region and the International Board of Directors as well as publishing numerous articles in the I.P.P.S. Combined Proceedings. He is an Eastern Region Fellow and has received the prestigious Eastern Region Award of Merit. He played a key role in the initiation, development, and nurturing of the Scandinavian Region. Peter has also helped expand the influence and reputation of I.P.P.S. by representing the Society well as he served other professional organizations in leadership roles. These include the Illinois State Nurserymen's Association (ISNA), Illinois Landscape Contractor's Association (ILCA), Horticulture Research Institute (HRI), and other state and national associations. His concern for the welfare of I.P.P.S. is evidenced by his ongoing commitment to serve. Peter's generosity is unparalleled whether it is through the donation of time, talent, or auction plants. While Peter is always mindful of the history of the Society and honoring those who have played key roles in its evolution, he continually encourages new propagators to join the Society so that the group continues to evolve and embrace new concepts, which will contribute to the Society as a whole. Peter truly epitomizes the I.P.P.S. motto "Seek and Share."

Peter Orum was born on December 4, 1941 in Soborg, Denmark. He graduated from the Vilvorde Horticultural School in Copenhagen in 1961. After he received his diploma in 1961, he enlisted in the Royal Danish Army Corps of Engineers. He finished his 4-year commitment to the military early in 1965. After that, Peter began in earnest to pursue his horticultural career. He worked as a Supervisory Trainee at the D. Hill Nursery Company in Dundee, Illinois. After completing the training, he became the Superintendent of propagation at D. Hill Nursery Company. He stayed in that position for seven years. As soon as Peter came to the U.S.A., he joined I.P.P.S.

In 1967, Peter married Irma Hertzmann of Chicago. That same year he founded an international exchange program that allowed an exchange between European and American horticulturists. For the past 33 years this program has enabled over 100 horticulturists from Europe (mostly Denmark) to come and work in nurseries and greenhouses in U.S.A.

In 1969, Peter and Irma started Midwest Groundcovers in the backyard of John Wilde in West Chicago. In 1970, they acquired 5 acres in St. Charles, Illinois, and moved the nursery operation there. In subsequent years, the nursery production had outgrown the 5-acre space and additional acres were purchased north of St. Charles. Midwest Groundcovers has since expanded into northern Illinois and Michigan making it the largest wholesale groundcover producer in the central United States.

In 1986 Midwest Groundcovers joined the A-Plant nursery group in Denmark. This group, in cooperation with the Danish Horticultural Research Station in Aarslev, became a conduit of exchange of plants and knowledge between Denmark and North America.

Peter has started several other companies. Midwest Trading was formed to supply the Midwest area with horticultural products. Midwest GROMaster, Inc. has brought sophisticated Danish greenhouse growing systems to the United States. Other business ventures include: a field production nursery in Illinois, a seed production orchard and Christmas tree plantation in Denmark and a Scandinavian restaurant in Chicago.

Peter Orum typifies the I.P.P.S. motto "Seek and Share." He has spent his career participating and promoting the nursery industry at an international level. He is always seeking and sharing new ideas. He is a true believer in I.P.P.S. and its goals. Often one sees Peter with his one hand holding his pipe with its swirling smoke and in the other hand, a small recorder in which he is recording the new ideas and trends he is seeing. He brings these concepts to his own nursery and challenges his staff to implement or discard these innovations. Whatever has been learned at his nursery will be shared with the rest of the world. The I.P.P.S. Eastern Region, North America, as well as the entire I.P.P.S. organization, is very fortunate to have a member with the dedication, leadership capabilities, and generosity of Peter Orum. He truly deserves to be a recipient of the I.P.P.S. highest honor, the International Award of Honor.

Anna Knuttel, Eastern Region, North America Director 2000

The International Plant Propagators' Society, Inc.

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1961 — Harvey Templeton, Jr.*	1981 — Donald Dillon
1962 — Donald Hartman*	1982 — Raymond Evison
1963 — Dr. William E. Snyder*	1983 — Charles Parkerson
1964 — Percy C. Everett*	1984 — Dr. John A. Wott
1965 — Dr. John P. Mahlsted	1985 — Ian Tolley
1966 — William J. Curtis*	1986 — Dr. Philip E. Parvin
1967 — John B. Roller*	1987 — Marcus David Byers
1968 — Dr. Howard C. Brown*	1988 — Ruth Henderson
1969 — J. Peter Vermeulen	1989 — Michael L. Dunnett
1970 — Henry J. Ishida	1990 — Dr. Elton M. Smith
1971 — Ralph Shugert*	1991 — Edward J. Bunker
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1976 — Dr. Harold B. Tukey, Jr.	1996 — Ian Gordon
1977 — George Oki	1997 — A. Bruce Macdonald
1978 — Lawrence Carville	1998 — Jörgen H. Selchau
1979 — Lawrence Carville	1999 — James "Jim" B. Berry
1980 — Marcus Peterson	2000 — Peter Orum

INTERNATIONAL AWARD OF HONOR

1986 — Dr. William E. Snyder*	<i>Eastern</i>
1989 — Mr. James S. Wells*	<i>Eastern</i>
1990 — Dr. Hudson T. Hartmann*	<i>Western</i>
1991 — Mr. Bruce A. Briggs*	<i>Western</i>
1992 — Mr. Ralph B. Shugert*	<i>Eastern</i>
1993 — Mr. Brian E. Humphrey	<i>G.B. & I.</i>
1994 — Mr. O. A. "Jolly" Batcheller*	<i>Western</i>
1995 — Dr. Richard H. Zimmerman	<i>Eastern</i>
1996 — Mr. A. T. (Tom) Wood	<i>G.B. & I.</i>
1997 — Charles Parkerson	<i>Southern</i>
1998 — Ian Tolley	<i>Australian</i>
1999 — Margaret Scott	<i>G.B. & I.</i>
2000 — Peter Orum	<i>Eastern</i>

I.P.P.S. HONORARY MEMBERS

1953 — Dr. Samuel L. Emsweller*	<i>Eastern</i>
1957 — Dr. L.C. Chadwick*	<i>Eastern</i>
1968 — Dr. F.L. Skinner*	<i>Eastern</i>
1973 — Dr. Robert Garner*	<i>G.B. & I.</i>
1974 — Martin Van Hof*	<i>Eastern</i>
Dr. John Wister*	<i>Eastern</i>
1978 — Al Fordham*	<i>Eastern</i>
1979 — Dr. William E. Snyder*	<i>Eastern</i>
James Wells*	<i>Eastern</i>
1980 — Paul Bosley, Sr.*	<i>Eastern</i>
Harvey Gray*	<i>Western</i>
Case Hoogendoorn*	<i>Eastern</i>
Bruce Macdonald	<i>G.B. & I.</i>
Roy Nordine*	<i>Eastern</i>
1981 — Dr. Ronald de Fossard	<i>Australian</i>
John Roller*	<i>Eastern</i>
Richard Vanderbilt*	<i>Eastern</i>
1982 — Dave Dugan	<i>Eastern</i>
Roy Halward*	<i>Eastern</i>
Carl Orndorff	<i>Eastern</i>
Ralph Synnestvedt*	<i>Eastern</i>
1983 — Dr. Hudson T. Hartmann*	<i>Western</i>
Riley Roach*	<i>Southern</i>
1984 — Oliver A. Batcheller*	<i>Western</i>
Dr. Gustav A.L. Mehlquist*	<i>Eastern</i>
Dr. Sidney Waxman	<i>Eastern</i>
1985 — Dr. Curtis J. Alley*	<i>Western</i>
Keith Lamb	<i>G.B. & I.</i>
G.F.B. Smith	<i>New Zealand</i>
1987 — Ellaby Martin	<i>New Zealand</i>
Richard Martyr	<i>G.B. & I.</i>
1989 — A. Thomas Wood	<i>G.B. & I.</i>
1990 — Bruce A. Briggs*	<i>Western</i>
1991 — Bob Ticknor	<i>Western</i>
1996 — Dr. Philip A. Baker	<i>Western</i>

* Deceased

SUMMARY 2000

The International Plant Propagators' Society entered the 2000's well established and dedicated to the principles of "seeking and sharing" which the founding members had set forth. The business of running the Society was largely routine and regional autonomy allows regions to conduct their activities much unconstrained from International rules. All items of business in this International Office occurred on schedule **except** for the enormous amount of time needed to work on the developing web-based database system and our new web page.

This development consumed an exorbitant amount of time, much more than expected, and resulted in the need for many new procedures and more time in implementation. It also resulted in a slight delay in the production of the membership data details, the resulting printing of mailing labels, and the information for the Membership Directory. As we move into 2001 and the new systems begin to operate, the operations will again be on schedule and be more streamlined. This means that IPPS is now well on its way into the technological arena. It is expected that much time will be needed during 2001 for testing and implementing the new systems, and for helping each region achieve success in using them. Once we are through those, it will be much easier.

Since Regions were now operating with a combination of reporting methods, it meant that several methods were used to determine and obtain regional membership data. This included the older IPPS database III system, 2 regional versions of Access, and 2 regional incompatible systems. The membership operation was further complicated since we were offering members a new option for Option I members, i.e., they could receive either the "Black Book" or a CD, or even both. However, with all these complications, came new decisions on how to handle the developing web-based system, which really helped us.

The regional secretary-treasurers are to be immensely thanked for their timely deliverance of data and for their wonderful cooperative attitudes. They have been extremely patient, as the new development has taken longer than originally expected. They have also been extremely helpful in making suggestions and trying out details.

We owe an enormous round of thanks to Mr. Johan Pingree who is the person working on our new system. He has been very understanding in adapting the very latest technology for a group of multi-talented users around the world.

Membership statistics, reported below, show that the total IPPS membership remained essentially the same in all regions. IPPS-Japan and Southern African Potential Region anticipated more members during the year than reported to the International Office in May, but never reported any further specific names. It is interesting to note that our total membership stabilized after four years of growth. It seems as if the slowing world economy is also making it more difficult to recruit new members, especially in countries with weaker monetary systems.

The regions helping to establish groups in other areas of the world reported that while the interest is high, the ability to attract and get members to join is not easy. The Eastern European countries are able to hold small workdays. The same is true in Central America. The Southern African Region is finding it difficult to maintain its numbers and officers.

Our Membership roll for 2000 is as follows:

Membership – International Roll – December 31, 2000

Region	Active		Privileged	Honorary	Totals		
	I	II			1998	1999	2000
Australian	216	14	4	1	275	258	235
East.Reg.N.A	679				665	670	679
G. B. & I.	277	107			391	380	374
IPPS-Japan	129				150	180	129 *
New Zealand	155	47		2	206	206	204
Scandinavian	121	1			118	118	122
Southern Africa	50				60	74	50 **
South.Reg.N.A.	408				383	395	408
Western	537	1	5	3	542	546	545
Total	2572	171	9	6	2643	2796	2736
Increase (Decrease)					153	31	(60)

*does not include anticipated addition of 51 members – unreported as to specifics

**does not include anticipated addition of 16 members – unreported as to specifics

The 2000 International Board Meeting was held in the Hyatt Regency, Oakbrook Hotel, Oakbrook, IL, USA. on September 29, 2000. The meeting was part of the Eastern Region, North America's 50th Annual Conference. All officers and directors were present. Alternate directors were present from the Australian, ERNA, G.B. & I., and SRNA Regions. Acting directors were named from IPPS-Scandinavia and New Zealand Region. The alternate directors from IPPS-Japan, Western Region, and Southern African Potential Region were not present.

This was a joyous occasion for the Society, having achieved our 50th "birthday". The ERNA, being the founding region, really presented glimpses of IPPS history as we traveled throughout the entire tour and their conference. We hope that the officers for the 75th and 100th celebrations can build on this history and we wish them well as they read this years later.

The meeting was preceded by an 11-day pre-conference tour, which began in Toronto, Ontario, Canada. The tour was a mix of nurseries, public and private garden visits, historical sites, and an introduction to the horticultural and regional culture throughout eastern Canada, northern OH and MI, and the Chicago area. It was organized into small sections and tour leaders from each area were responsible for their area. The Canadians really made us feel welcome and set a high standard which prevailed throughout the entire tour and certainly into the 50th Anniversary Meeting in Chicago. The overall tour was organized by Kris Bachtell, Anna Knuttel, and capably led by our International President Peter Orum. Margot Bridgen, secretary/treasurer capably handled all the registrations.

It is worthy to note those who helped led the tour - Canada: Tom Intven and Chris Graham; OH: Tim Brotzman; MI: Dale Deppe and Tim Wood, IL: Peter Orum. In Canada, we were treated to several large nurseries including the J.C. Bakker

Nurseries and the Royal Botanical Gardens in Hamilton. In OH we saw the Holden Arboretum, Klyn, Herman Losely and Son, and Willoway Nurseries. But the highlight here was to have a breakfast and a Board meeting at the site of the old Wade Park Manor, the hotel where IPPS was founded. MI was fascinating since we got to see the Richey Nursery Co, Spring Meadow and Zelenka Nurseries. In MI we also visited the Frederik Meijer Sculpture and Botanical Gardens where we remembered our former Historian Ralph Shugert and planted a tree from his garden in the moonlight.

As we traveled into IL, we stopped at the Wavecrest and Twixwood Nurseries. We also visited both the Chicago Botanic Gardens and the Morton Arboretum. Throughout the tour we were treated to numerous lunches and dinners hosted by IPPS friends and members. A memorable one is the pre-dinner tank ride to Peter and Irma Orum's home in St. Charles, IL. The tour officially closed with a moonlight cruise on the Chicago River. It was almost as if the moon was looking down and saying "well done on your seeking and sharing, now continue on for the next 50 years!"

We owe a multitude of thanks to the ERNA members who honored our 50th Anniversary in such a fine way. We should note the printing and dedication of the 50th Anniversary Booklet, completed just two weeks before his death by Ralph Shugert. Also the presentation of a video showing James Wells, founding president, that was taken days before his passing earlier in the year. There were numerous other exhibits and tales from those past 50 years, which all added to highlights for one of the largest ERNA Regional Meetings ever.

The Board Meeting was capably conducted by President Orum. Secretary/Treasurer Wott and Editor Heuser reported mostly routine business. The Secretary reported that electronic communication was now being used to circulate most business items and hoped that even more major Board meeting items could occur in this method in the future. The Board concurred. Our investments were healthy but were also being strongly influenced by the stock market.

The Directors were encouraged to prepare a goals and issue statement for their use in the coming year and to aid in planning. It is hoped this will bring better continuity to the Board, and keep issues in the fore front.

The Board approved a policy for non-duplication of our CD's. We also noted that a large number (239) of members had opted for the CD instead of the *Combined Proceedings* this year. This is the first year members had the Option of a CD. We would anticipate this number to rise as every region begins to offer this option to their members.

The Western Region was authorized to continue work on copying volumes 1-10 of the *Combined Proceedings* for web usage. This then could become a membership perk in the future for our members.

The Board unanimously approved the continued development of the IPPS membership system to a web-based system. As noted above, this is a long task, but should become operational during 2001, although probably not quite in time for our May 1st deadline.

The Board changed the rotation of the International Board Meeting so that the meetings in the USA/Canada do not all come in succession. This should allow for a more orderly succession of meetings and for the International Board to move around the world. The Board continued to work on arrangements so that Directors and others could join the pre-conference tour for only a short time rather than the full

10 days.

Considerable time was spent in discussing the Expansion and Development guidelines. It was finally decided to allow any region to apply for funds to assist them in any kind of expansion and development activity, but that they would have to also be prepared to show their long time plan for success.

The Board approved a plan which would allow for a propagator exchange program to occur among the regions. Peter Orum was appointee as the International facilitator and each region is to name a regional facilitator.

As the Society moves to an electronic age, it was voted to abolish contingency funds for the publication of a biennial Membership Directory. This means that the directory published in 2000 will probably be the last printed one. From now on, the membership will have access to the membership records through the web. The information will be just as accurate as the regional secretary/treasurer has them posted. It was also assumed that the next comprehensive Index would also be published electronically, not in printed form.

The office of the Secretary/Treasurer continues at the Washington Park Arboretum with storage at the Center for Urban Horticulture, University of Washington, Seattle, WA, USA. This job could not be done with the wonderful cooperation of all the Regional Secretary/Treasurers and the International Board members. This is truly a Society of seeking, sharing and helping.

This 50th Anniversary Year was pleasurable due to attention of our President Peter Orum. He was conscientious about all details, helpful in solving problems, and a wonderful leader. Thank you for a great year. And as always, I must acknowledge my fellow officer, Dr. Charles Heuser, our great editor. He keeps me on my toes and is a wonderful work companion. Mr. Warren Roberts continues his yeoman service as our botanical editor and his attention to those botanical details is most time consuming; and Ms. Keppy Arnoldsen for her work with Dr. Heuser on the preparation of papers for publication. This year, we need to acknowledge Dr. David Burger for his comprehensive job in editing and printing the Membership Directory. Again, Ms. Patricia Heuser was our wonderful International Board Secretary.

I would like to acknowledge the dedicated work of regional officers who retired, all with whom I have enjoyed working. They are Wilbur Bluhm – Western Region; Dr. Hirokazu Fukui – IPPS Japan; John Adlam – Region of Great Britain and Ireland; Dr. Martin Jensen – IPPS Scandinavia.

And then of course, I would like to especially welcome newcomers: Mrs. Lelia (Lee) Dempsey, Western Region; Mr. Mikio Minamide – IPPS Japan; Ms. Claire Shaddick – Region of G. B. & I., and Mr. Lars Sandgaard and Mr. Kaj Ole Dideriksen – IPPS Scandinavia.

Also thanks to those who have helped on a daily basis: Fran Trinder – University records; Curtis Nakayama – financial review and counsel; Scott Lisle – financial planning and investments; Raymond Larson – handling of materials; Gregg Borselli – office management; and Johan Pingree – web consultant and web master.

Lastly, thanks to all the officers and members who made this a most memorable year – our 50th.

Prepared: April 10, 2001

John A. Wott, Ph. D.

Secretary, International

FINANCIAL SUMMARY

January 1 - December 31, 2000

Balance - January 1, 2000

Checking Account	\$ 6,477.01
Investments	339,555.90
Western United Life	<u>28,380.82</u>

TOTAL: \$ 374,413.73

Receipts

Membership Dues:	\$ 119,207.00
Sales: Proc. (Vol. 49)	2,908.00
Sales: Proc. (Vol. 50)	5,012.00
Sales: Inventory	2,928.00
Interest, Checking	256.92
Interest, Investments	<u>16,573.65</u>

TOTAL: \$ 146,885.57

TOTAL BALANCE AND RECEIPTS: \$ 521,299.30

Expenditures:

Proceedings:	
Printing - Volume 49	\$31,795.57
Postage - Volume 49	13,160.21
Postage - Inventory Sales	91.00
Sales Promotion	199.00
CD	1,000.00
Honorarium - Editor	14,277.00
- Secretarial	1,878.12
- Computer	4,000.00
Botanical Editor	650.00
Membership Directory	16,027.54
Translation Costs	3,050.00
Pre-Conference Tour Costs	120.05
International Board - Travel	10,840.89
- Office/Postage	1,832.00
- Board Meeting/Lunch	1,635.48
- Minute Secretary	600.00
- Meeting Supplies	602.00
Bond/State License	231.00

IN MEMORIAM

It is with the deepest regret that the deaths of the following members during 2000 are recorded:

Bruce A. Briggs

Western Region

Alfred J. Fordham

Eastern Region, North America

Lee Howell

Southern Region of North America

Donald Klamer

Eastern Region, North America

Ralph Shugert

Eastern Region, North America

Warren Steeds

Southern Region of North America

James Wells

Eastern Region, North America

The International Plant Propagators' Society, Inc. Regional Officers and Committees

AUSTRALIAN REGION

OFFICERS

President— **PETER LEWIS**, 448 Old Cleveland Road, Birkdale, Queensland 4159

First Vice-President— **PAUL CARMEN**, PO Box 6094, Phillip, ACT 2606

Second Vice-President— **DAVID DALY**, 256 Mt Dandenong, Tourist Road, Ferny Creek, Vic 3786

Secretary-Treasurer— **K. FRANCES BIGGS**, P.O. Box 124, North Richmond, New South Wales 2754

Editor— **LEISA J. ARMSTRONG**, Burnley College, University of Melbourne, Yarra Boulevard, Richmond, Vic 3121

Historian— **IAN GORDON**, University of Queensland, Gatton College, Lawes, Queensland 4343

EXECUTIVE COMMITTEE

Sandra Hetherington, Past President and Director on International Board

Peter Lewis, President

Paul Carmen, First Vice-President

David Daly, Second Vice-President

Des Boorman (term expires 2001)

Clive Larkman (term expires 2001)

John Bunker, (term expires 2001)

David Cliffe (term expires 2002)

Greg McPhee (term expires 2002)

Alan Saunders (term expires 2003)

Leisa J. Armstrong, Editor

Ian Gordon, Historian

PAST PRESIDENTS, AUSTRALIAN REGION

Edward Bunker	1973-74	Irene Bowden	1987-88
Edward Bunker	1974-75	Anthony Biggs	1988-89
John Teulon	1975-76	Anthony Biggs	1989-90
Marcus Petersen	1976-77	Ian Gordon	1990-91
Ian Tolley	1977-78	Peter Ollerenshaw	1991-92
Adrian Bowden	1978-79	John Bunker	1992-93
Henry van der Staay	1979-80	Henry Hilton	1993-94
Peter B. Smith	1980-81	Fred von Allmen	1994-95
Jack Pike	1981-82	Kevin Handreck	1995-96
Ben Swane	1982-83	Ross Hall	1996-97
Dennis Hearne	1983-84	Ralph Scott	1997-98
Natalie Peate	1984-85	Henry Boogaard	1998-99
Ian Gordon	1985-86	Sandra Hetherington	1999-00
Ray Wadewitz	1986-87		

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This award is made to the individual(s) who, in the opinion of the Award of Merit Committee, has made a significant contribution to the field of plant propagation. The criteria for selection includes scientific discovery and application of facts related to propagation practices and techniques, and/or for service rendered to the science and practice of plant propagation.

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Joseph Solomone, Aromas, California, 1995

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Stanley E. Sorenson*, Clayburn, British Columbia, 1997

Ralph S. Moore, Visalia, California, 1998

Dale E. Kester, Davis, California, 1999

J. Michael Evans, San Juan Capistrano, California, 2000

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NEW ZEALAND REGION

Twenty-Ninth Annual Meeting

May 4-7, 2000

GISBORNE, NEW ZEALAND

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AUSTRALIAN REGION

Twenty-Eighth Annual Meeting

May 26-28, 2000

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QUEENSLAND, AUSTRALIA**

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**REGION OF GREAT BRITAIN
AND IRELAND**

Thirty-Third Annual Meeting

August 29 - September 1, 2000

AYR, SCOTLAND

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SCANDINAVIAN REGION

Ninth Annual Meeting

August 30-31, 2000

**DALUM LANDBRUGSSKOLE,
ODENSE, DENMARK**

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EASTERN REGION, NORTH AMERICA

Fiftieth Annual Meeting

October 1-4, 2000

OAK BROOK, ILLINOIS

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NORTH AMERICA**

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October 8-11, 2000

CHESAPEAKE, VIRGINIA

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WESTERN REGION

Forty-first Annual Meeting

October 11-14, 2000

MODESTO, CALIFORNIA

TECHNICAL SESSIONS

JAPAN REGION

Seventh Annual Meeting

October 23-26, 2000

SUZUKA, MIE PREF. JAPAN

