

****Deadline: 28 June 2002****

2001-02 Annual Report for: Benelux Chapter
(Name of Chapter - please print)

I. Basic Information:

A. Reporting Chapter Chairman:

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B. Joint Chapter? Yes No

If joint, please list names of other participating societies.

C. Number of area LEOS members as of approximately May 30 (contained in geographical information of the LEOS Membership Directory):

	<u>Number</u>	<u>Percent</u>
Previous Year	???	
Current Year	154	
Change		

D. Total Number of Technical Meetings:

This Year: 5

Last Year: 7

E. Average Technical Meeting Attendance

	<u>This Year</u>		<u>Last Year</u>		<u>Number % Change</u>
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>	
Total:	<u>71</u>	<u>100</u>	<u> </u>	<u> </u>	<u> </u>
IEEE:	<u>31</u>	<u>44</u>	<u> </u>	<u> </u>	<u> </u>
LEOS:	<u>29</u>	<u>41</u>	<u> </u>	<u> </u>	<u> </u>

F. Chapter funds at the beginning of the year: EURO 3767

G. Total Expenditures: EURO 1333
End of Year Balance: EURO 9159

Total Income: EURO 6725

H. Officers for 2001-02 (new officer list)

On a separate sheet of paper list the Chapter Officers (name, address, phone, fax, email) This information will be used to update the Chapter web site on the LEOS Home Page. Include your URL if your chapter has a home page.

I. Check List:

- ___ Sent L-31 forms to IEEE (minimum of 2/yr required)
<http://www.ieee.org/organizations/rab/scs/L-31.html>
- ___ Sent nomination for LEOS Awards -Tab 6 or
<http://www.ieee.org/leos/awards>
- ___ Nominated member for Senior Member grade
<http://www.ieee.org/membership/upgrade.html>

II. Overview of Basic Chapter Activities:

see additional sheet

III. List most significant chapter improvements over last year (*Most Improved Chapter Award*)

After 6 years the chapter has reached certain maturity without losing the initial momentum for organizing well-received activities, like a significant increase of participants to the annual symposium as well as the annual workshop.

A new activity, a workshop on Entrepreneurship in Photonics organized in conjunction with ECOC 2001, was quite successful and will be followed up by a similar activity at ECOC 2002 in Copenhagen, Denmark.

IV. List workshops, symposia, educational programs, consulting programs, job fairs etc. (*Most Innovative Chapter Award*)

see additional sheets at II and V

V. Miscellaneous Information/Elaboration on any of the above entries. (*Please attach up to ONE page of further discussion*)

see additional sheet

We wish to have our chapter considered for the following chapter awards:

- Chapter of the Year (All information)
- Best Membership Percentage Increase (Part I.C.)
- Most Improved Chapter (Part III)
- Most Innovative Chapter Activities (Part IV)

Chapter Chair Signature: _____

II Overview of Basic Chapter Activities

	Activity Type (Tech Meeting, Workshop, etc)	Title/Speaker or Workshop Name	Attendance			Joint Activity Sponsors
			LEOS	IEEE	Total	
1.	colloquium	Colloquium Free University Amsterdam, speaker: Speaker: Dr. Rick Trebino, IEEE/LEOS Distinguished Lecturer 10-9-2001	About 7	About 10	About 40	
2.	workshop	LEOS Workshop in conjunction with European Conference on Optical Communication Theme: How to start your Photonics Business Meeting date: Sep. 30, 2001 Speaker: Dr. Milton Chang, LEOS President-Elect and Distinguished Lecturer, Speaker: Dr. Winfried Horsthuis, 30-9-2001	25	30	100	See below
3.	symposium	Annual symposium of the IEEE-LEOS Benelux chapter (for details see below) Invited speakers: Ir. W. Nijman (recipient Aron Kressel Award 2001) and R. Baets, University of Ghent 3-12-2001	>100	>100	200	See below
4.	company visit	Company visit to Draka Fibre Technology, Eindhoven, mainly for PhD students (for details see below) 9-1-2002	10	10	15	See below
5.	company visit	Company visit to Draka Fibre Technology, Eindhoven, mainly for PhD students (for details see below) 15-1-2002	7	7	10	See below
6.	colloquium	COBRA/LEOS Colloquium, TU Eindhoven, speaker: H. Thienpont, LEOS Distinguished Lecturer 8-2-2002	About 20	About 25	About 60	
7.	workshop	Annual workshop of the IEEE-LEOS Benelux chapter, Topic: Photonic Crystals, Photonic ICs and Photonic Bandgap Fibres (for details see below) 29-5-2002	35	35	70	See below
			204 29	217 31	495 71	
			Average Technical Meeting Attendance			

V. Miscellaneous Information/Elaboration on any of the above entries.

Activities 2001 – 2002 IEEE-LEOS Benelux chapter

<http://leosbenelux.org/>

LEOS Workshop in conjunction with European Conference on Optical Communication

In conjunction with the major European Conference in the field of LEOS, the annual European Conference on Optical Communication a workshop was held with the theme: How to start your Photonics Business. The workshop took place in an afternoon session on Sep. 30, 2001 at the RAI Conference Center in Amsterdam, The Netherlands. The meeting was attended by approximately 100 professionals. The program consisted of two tutorial presentations with a general overview of the various aspects involved in starting a photonics company. Following these tutorials, speakers from various start-ups shared their hands-on experience. There were ample opportunities for questions and discussion. A digest was distributed among the participants and other interested. The Tutorials were presented by Dr. Milton Chang, LEOS President-Elect and Distinguished Lecturer and Dr. Winfried Horsthuis. The presenting officers were: Prof. Roel Baets, Dr. Erik Pennings, Dr. Peter Vetter.

Symposium 2001

The 2001 LEOS Benelux Chapter annual Symposium was held in Brussels, Belgium on December 3, 2001. The organizer was Prof. Hugo Thienpont, member of the LEOS-Benelux board. Two invited papers were presented by the recipient of the IEEE LEOS Aron Kessel Award 2001, Ir. W. Nijman and Prof. R. Baets of the University of Ghent. Apart from the invited papers, 16 oral papers and 59 posters were presented to the more than 200 participants (of which more than 100 LEOS members) attending the symposium. This meeting was supported by the Free University Brussels, BFi Optilas, SIMAC Electronics, Laser 2000 Benelux, Spectra-Physics, Applied Laser Technology and Newport. The proceedings of the symposium, containing 4 pages summaries of all presented papers and posters, have been edited under the reference: "2001 IEEE/LEOS Symposium, Benelux Chapter, Proceedings, Editors: Hugo Thienpont, Francis Berghmans, Jan Danckaert and Lieven Desmet, ISBN: 90-5487247-0

Company visits

In 2000 the LEOS Benelux Chapter continued to organize visits to companies that are active in the field of opto-electronics and optical communications. These visits were targeted primarily to (Ph.D.) students, but were of course open to everyone interested. The visits were coordinated by Peter Bienstman and Jan-Hendrik den Besten, student members of the LEOS Benelux board. In the reporting period two visits were organized, both to Draka Fibre Technology in Eindhoven. On 9-1-2002 15 students from Belgium participated at this visit, on 15-1-2002 it were 10 students from the Netherlands.

Workshop 2002

The fifth workshop of LEOS Benelux on "Photonic Crystals" was successfully organized together with the Photon network at the University of Ghent (Belgium), on May 29, 2002. The organizers were prof. R. Baets. About 70 participants attended the event. Invited speakers were T.F. Krauss from the St. Andrews University (UK), D. G. Deppe (LEOS Distinguished Lecturer) from the University of Texas, S.E. Barkou Libori from the Technical University of Denmark and W.L. Vos from the University of Twente (NL). A digest with abstracts was available to the participants.

- Board of LEOS- Benelux 2001-2002

<http://leosbenelux.org/>

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Best practise

Large part of the vitality of our chapter is due to the active involvement of a large number of students (Ph.D. as well as master). They easily can become member when they attend the annual symposium, which is the major local event in the LEOS related field in the Benelux region. The last symposium showed an increase to more than 200 participants and more than 80 contributions. Most of these contributions were presented by students. The edition of proceedings of all contributions gives an additional stimulus, as academic contributors are interested in opportunities for scientific output. Also the annual workshop showed with approximately 70 participants a significant increase.

The board of the Benelux Chapter consists of a good mix of engineers and scientists from industry as well as academic institutions including two active student members. Over the 6 years of existence of the Chapter there is a continuous refreshing of board members sufficient slow to conserve experience and knowledge, but sufficiently rapid to avoid too much routine and to stimulate renewal.

A good experience has been the workshop in conjunction with ECOC on "Entrepreneurship in Photonics", that stimulated possible start-ups in the field of photonics. The Chapter plans to continue this kind of workshops also in the following years.