

1999-00 Annual Report for: IEEE LEOS BENELUX CHAPTER

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.
 1.
 2.
 3.

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

	Number	Percent
Previous Yr	148	xxxxx
Current Year	190 or 158?	xxxxx

D. Total Number of Technical Meetings:

This Year:	5
Last Year:	4

Note: 2000 membership directory lists 190 members; recent communication with LEOS office says there are 158 members

E. Average Technical Meeting Attendance **SEE II**

	<u>This Year</u>		<u>Last Year</u>		<u>Number % Change</u>
	Number	Percent	Number	Percent	
Total:	_____	xxxxx	_____	xxxxx	xxxxx
IEEE:	_____	_____	_____	_____	
LEOS:	_____	_____	_____	_____	

F. Chapter funds at the beginning of the year: \$ 2016 (at current exchange rate of appr. 2.33 guilder per \$)

G. Total Expenditures: \$ 1777 Total Income: \$ 4006 End of Year Balance: \$ 4245

Note 1 : at appr. exchange rate of 2.33 guilders per \$

Note 2: this balance does not include the expenditures and income of the symposium and workshop. Both activities were largely self-supporting due to judicious organisation and sponsoring from industry and government bodies.

H. Officers for 2000-01 (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:

X Sent L-31 forms to IEEE (minimum of 2/yr required)

Nominated member for Senior Member grade (Tab 9)

Sent nomination for Distinguished Lecturer Award (Tab 8)

Sent nomination of student member for Student Paper Award (Tab 8)

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.	Symposium	Annual symposium of the IEEE-LEOS Benelux chapter (for details see below) Invited speakers: De La Rue and Petermann	100	100	153	See below
2.	Workshop	Annual workshop of the IEEE-LEOS Benelux chapter Topic: Advanced optical networks (for details see below) Invited speaker: Willner	>50%	>50%	42	See below
3.	Company visit	Company visit to KPN, mainly for PhD students (for details see below)	>50%	>50%	30	
4.	Company visit	Company visit to JDS-Uniphase, mainly for PhD students (for details see below)	>50%	>50%	30	
5.	Course	COBRA-LEOS course on optical communications Invited LEOS lecturers: De La Rue and Buus	?	?	?	See below
6.						
7.						
8.						
9.						
10						
			Average Technical Meeting Attendance			

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

1. The most significant chapter improvement is the organisation of company visits, mainly targeted to PhD students (of whom a relatively large fraction is LEOS-student member). Two such visits have been successfully organised so far and two more are planned for the fall.
2. The strategy to offer a student membership to PhD students as part of registration fee to the annual symposium has been continued. As a result a further (modest) increase of our membership has been seen. The administrative procedures for renewal of these student memberships were found to be impractical (too complex and therefore prone to error) and therefore a more practical procedure has been worked out and will be adopted for the next symposium (October 2000).
3. It was decided to extend the board with two LEOS student members, mainly to have a student "representation" in the board. So far one student member has actually joined the board.
4. The board submitted a proposal to LEOS headquarter for the organisation of the LEOS Annual Meeting in Brugge (Belgium) in 2002. However this proposal was not successful.

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

1. See list under II, information under III and further detail on next page

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

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:

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

Activities 1999 – 2000 IEEE-LEOS Benelux chapter

www.cobra.tue.nl/leos/index.html

Symposium 1999

The 1999 LEOS Benelux Chapter annual Symposium was held in Mons, Belgium on November 15, 1999. The organizer was Patrice Megret, member of the LEOS-Benelux board.

Two invited papers were presented by the IEEE distinguished lecturers Prof. K. Petermann from the University of Berlin and Prof. R. de La Rue from the University of Glasgow. Apart from the invited papers, 20 oral papers and 42 posters were presented to the 153 participants (of which 100 LEOS members) attending the symposium. This meeting was supported by FNRS, SSTC and STW Nederland and sponsored by 7 companies: Alcatel Bell NV, BFi Optilas, Laser 2000, Multitel-Télécom, SEE, Siemens ATEA NV and Simac Electronics. The proceedings of the symposium, containing 4 pages summaries of all presented papers and posters, have been edited under the reference: "1999 IEEE/LEOS Symposium, Benelux Chapter, Proceedings, Editors: P. Mégret, O. Deparis, M. Blondel, O. Aubry, ISBN: 2-9600226-0-2"

Workshop 2000

The fourth workshop of LEOS Benelux on "Advanced optical networks" was successfully organised at Alcatel, Antwerpen (Belgium), on May 23rd, 2000. The organizer was dr. Peter Vetter, member of the LEOS-Benelux board.

42 participants attended the event, among whom more than a quarter from Industry. Prof. Alan Willner of University of Southern California and LEOS distinguished lecturer presented a very inspiring keynote address on "Reconfigurable Multi-Wavelength Optical Systems and Networks". The session in the morning covered various interesting presentations on core networks, while the afternoon was filled with talks about novel concepts in optical access networks.

A digest with abstracts was made available to the participants.

Company visits

In 2000 the LEOS Benelux Chapter started organising a series of visits to companies that are active in the field of optoelectronics and optical communications. These visits (were) are targeted primarily to (Ph.D.) students, but (were) are of course open to everyone interested. Overall the visits were coordinated by Peter Bienstman, student member of the LEOS Benelux board.

In April, we visited KPN-Research, a major Dutch telecom operator, where we could get a flavour for the problems involved in the management of today's complex WDM systems.

In June, JDS Uniphase showed us around their production facilities of DFB lasers at their Eindhoven plant. They also highlighted some of their research work on optical amplifiers, tuneable lasers and advanced packaging.

Each visit attracted around 30 participants, who afterwards expressed their enthusiasm for these kind of activities.

The next visits are planned to GTS (a major Belgian network operator) on November 8, and BBV (an optical CAD tool Dutch company, associated with Kymata).

COBRA-LEOS course on optical communications

In the weekend prior to the symposium in Mons COBRA-Eindhoven organised a 3-day course on optical communications. The lectures were taught by a number of academic and industrial specialists, mainly from the Benelux, and by 2 LEOS distinguished lecturers (Buus and De La Rue). The course was coordinated by prof. J. Wolter (TU Eindhoven)

Finances

Over the past years the LEOS Benelux Board has been able to run most its major activities (symposium and workshop) in a self-supporting way due to a strong effort to find sponsors and by a judicious management of the meetings. In this way the assets of the chapter have grown to over 4000\$. The board feels that in this way a necessary buffer is built that allows for taking risks in the organisation of meetings (e.g. the budget of the annual symposium is of the order of 10000\$). In the future the board will gradually evolve to a situation where the average annual income equals the average annual expenditures.

Future activities

The next annual symposium will be organized by Meint Smit at TU Delft on October 30, 2000

Board of LEOS- Benelux 2000-2001

www.cobra.tue.nl/leos/index.html

	Chair	Vice-Chair	Secretary	Treasurer
Name	Roel Baets	Alfred Driessen	Meint Smit	Erik Pennings
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Other board members:

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