Preface

This book consists of a collection of papers that were presented during the International Conference on Polycrystalline Semiconductors - Physics and Technology (Polyse '93) that took place in Saint Malo, France, from September 5 to 10, 1993. With even more emphasis than its predecessors POLYSE '90 and '88, POLYSE '93 covered the physics and technology of polycrystalline semiconductors by joining scientists who work on a variety of polycrystalline semiconducting materials in research, technology, and application.

In accordance with this aim, fifteen widely recognized speakers presented overviews in their fields of work in invited papers. Oral papers and posters complemented the broad field of topics displayed by these speakers in a concise and expert way. The authors of poster contributions were given a four minutes' oral summary (two minutes for late papers). This combination of different types of presentations led to very lively and stimulating discussions, which extended well into the breaks and social events of various types. We would like to thank all conference participants for their commitment.

Such a conference lives from the contributions of many persons and institutions. Formost we must extend sincere thanks to the invited speakers for their contributions as well as for their refereeing of most of the submitted papers. These speakers are:

J.L. Batstone	O. Hardouin-Duparc	T. Sameshima
C.B. Carter	D.B. Holt	W.D. Sawyer
A. Claverie	O. Ka	R. Schindler
H.S. Gamble	M. Kohyama	J. Weber
R. Gross	B. Loisel	I. Wei-Wu

The authors of the oral and poster contributions are deeply appreciated for their concise and timely papers. We are grateful to the members of the advisory board who gave very valuable advice before and during the conference.

The financial basis is an indispensible necessity of such a conference. The sizable contributions of a number of sponsers, listed below, are gratefully acknowledged. Last, but not least, we owe sincere thanks to our staff members for their able support and help before, during and after the conference.

We hope that this collection of papers will trigger further synergetic effects between fundamentally and technologically orientated research efforts.

Erlangen, Stuttgart, and Rennes, December 1993

H.P. Strunk, J.H. Werner, B. Fortin, O. Bonnaud

. .

.

hand because it is a second

INTERNATIONAL ADVISORY COMMITTEE

Y. Colin,	France	S. Martinuzzi,	France
H. Föll,	Germany	J.L. Maurice,	France
M. Fuse,	Japan	J.F. Nijs,	Belgium
J. Heydenreich,	Germany	S. Pizzini,	Italy
Sir P.B. Hirsch,	England	H.J. Queisser,	Germany
S.S. Iyer,	USA	Yu. Shreter,	Russia
P. Joubert,	France	L. Stolt,	Sweden
L.L. Kazmerski,	USA	J. Vaitkus,	Lithuania

SPONSORS

Agence de l'Environnement et de la Maîtrise de l'Energie Centre Nationale de la Recherche Scientifique France Telecom Max-Planck-Gesellschaft Ministère de la Recherche et de la Technologie, Direction Régionale Région Bretagne TBT, Société du Groupe Air Liquide Université de Rennes I Universität Erlangen-Nürnberg

LOCAL ORGANIZING COMMITTEE

H.P. Strunk	O. Bonnaud	A.C. Michel
J.H. Werner	B. Fortin	L. Pichon
M. Albrecht	D. Briand	J. Pinel
S. Christiansen	H. Lhermite	F. Raoult
A. Voigt	A. Menkassi	M. Sarret