# GROUPS AND GROUP RINGS*
## Gliwice, 20-23 September 1994
## Program

### Tuesday

*Chairman:* O. Macedońska — *morning session*

*Conference opening by Dean of Faculty of Mathemathics and Physics*

Zenon I. Borewicz

*Lattices of intermediate subgroups*

Andrzej Strojnowski

*On torsion free groups with trivial center*

Jan Okniński

*Semigroups of matrices*

*Chairman:* Z. I. Borewicz — *afternoon session*

Stylianos Andreadakis

*IA-automorphisms of free groups*

Yaroslav Sysak

*On the adjoint group of a radical ring*

János Kurdics

*On group algebras with metabelian unit groups*

Jan Ambrosiewicz

*cn(PSL(2,K))=4 for K=Q, R*

Alexander Konovalov

*Modular group algebras of 2-groups of maximal class*

Ryszard Mazurek

*On distributive group rings*

Marek Kępczyk

*On rings which are sums of two subrings*

## Wednesday

*Chairman:* J. Okniński — *morning session*

A. Yu. Ol'shanskii

*Quotients of finite exponent for hyperbolic groups*

Ralph Stoehr

*Elements of finite order in relatively free groups*

Olga Macedońska

*On group and semigroup identities*

Piotr W. Gawron

*Semigroups identities in varieties of groups*

Waldemar Holubowski

*On symmetric words in groups*

## Thursday

*Chairman:* P. W. Gawron — *morning session*

A. L. Shmelkin

*On some undecidable problems in varieties of groups*

Eric Jespers

*Units in groups rings*

Colin M. Campbell

*Defining relations for Hurwitz groups*

Piotr Grzeszczuk

*Gradings, derivations and automorphisms of some algebras which are nearly associative*

*Chairman:* A. Strojnowski — *afternoon session*

V. I. Sushchanskii

*Direct limits of finite symmetric groups with diagonal embedding*

Bertalan Király

*A problem of Seghal*

Alexander Zimmermann

*Outer automorphism group may become inner in the integral group ring*

Attila Szakács

*Unitary subgroup of the Sylow p-subgroup of the group of normalised units in a commutative group ring*

Witold Tomaszewski
*On the fixed points series for permutation of generators*
Barbara Harężlak
*On varieties of groups with no semigroup identity*

### Friday

*Chairman:* W. Hołubowski — *morning session*

A. A. Bovdi
*Some problems of group rings of infinite groups*
Jan Krempa
*Rings with periodic unit groups*
Edmund F. Robertson
*Finitely presented groups and semigroups*

### List of participants

Katarzyna Adrianowicz - Gliwice
Jan Ambrosiewicz - Białystok
Stylianos Andreadakis - Athens (Greece)
Zenon I. Borewicz - Sankt Petersbourg (Russia)
A. A. Bovdi - Debrecen (Hungary)
Collin M. Campbell - St. Andrews (Scotland)
Piotr W. Gawron - Gliwice
Piotr Grzeszczuk - Białystok
Barbara Harężlak - Gliwice
Waldemar Hołubowski - Gliwice
Eric Jespers - Memorial U. Newfounland (Canada)
Marek Kępczyk - Białystok
Bertalan Király - Eger (Hungary)
Alexander B.Konovalov - Kiev (Ukraine)
Katarzyna Kowejsza - Białystok
Jan Krempa - Warsaw
János Kurdics - Nyireghaza (Hungary)
Olga Macedońska - Gliwice

Izabela Malinowska - Białystok

Ryszard Mazurek - Białystok

Małgorzata Nowak-Morales - Radom

Jan Okniński - Warsaw

Alexander Yu. Ol'shanskii - Moscow (Russia)

B. Parciak - Białystok

Ernest Płonka - Gliwice

Edmund F. Robertson - St. Andrews (Scotland)

Alfred L. Shmelkin - Moscow (Russia)

Ralph Stoehr - Manchester (England)

Andrzej Strojnowski - Warsaw

Vital I. Sushchanski - Kiev (Ukraine)

Yaroslav P. Sysak - Kiev (Ukraine)

Attila Szakács - Eger (Hungary)

Witold Tomaszewski - Gliwice

Alexander Zimmermann - Stuttgart (Germany)

Marek Żabka - Gliwice