

CONTENTS

FIRST SESSION

PHYSICAL PROPERTIES OF BREWING YEAST	3
RESPIRATION AND THE GROWTH OF YEAST	7
INOSITOL DEFICIENCY IN YEAST WITH PARTICULAR REFERENCE TO FAT PRODUCTION	21

SECOND SESSION

AMYLASE SYSTEMS IN BREWERY YEASTS	31
YEAST CONTROL IN CIDER FERMENTATION	37

THIRD SESSION

REGULATION OF CARBOHYDRATE METABOLISM IN YEAST CELLS	55
MEASUREMENTS OF LEVELS OF METABOLITES WITHIN THE YEAST CELLS DURING FERMENTATION	68
ACTIVE TRANSPORT IN THE YEAST CELL	86

FOURTH SESSION

YEAST GENETICS IN INDUSTRY	103
SOME GENETICAL ASPECTS OF PANARY FERMENTATION	116

FIFTH SESSION

THE UTILIZATION OF FLOUR CARBOHYDRATES IN PANARY FERMENTATION	127
INFLUENCE OF ENVIRONMENTAL FACTORS ON YEAST BEHAVIOUR	137

SIXTH SESSION

GENERAL DISCUSSION	151
SUMMARY FROM THE POINT OF VIEW OF THE BREWING INDUSTRY	154

