

Session 10: PROGRAMMING

INTRODUCTION

WARE: This session is directed toward the problems of programming MT on today's machines, and we all know what the trouble with programming is today. The languages of the machines are not appropriate to the languages of the problem. In the first place, the machine languages are much more primitive than we care to have them be, and they do not have the breadth of expression that we prefer them to have. The obvious way out of this difficulty is to conceive of pseudo-languages which, hopefully, are problem oriented, and then with an adequate amount of machine manipulation the pseudo-languages may be transformed into machine language and then executed. We will hear four individual's ideas on what an appropriate pseudo-language is, how it should fit into an over-all system of programming MT problems, and other details of this nature. Without further comment, therefore, let me introduce first Dr. Victor Yngve who is in charge of machine translation work at M. I. T.