

seminars

CERN COMPUTER SEMINARS

Thursday, August 27
14.30
Theory Conference Room
(Labo. 4 - 3rd floor)

"Simulation in Computer Design"

D.H. Gibson / IBM, Poughkeepsie

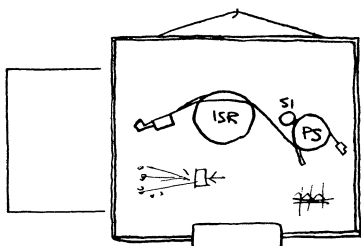
Abstract : D. Gibson will discuss some of his simulation work done in connection with the analysis of program structure and job streams. This work notably led to the development of the hardware buffer memory now used in the IBM/360-85, -195 and in the recently announced IBM/370-155 and -165.

Monday, August 31st
14.30
Auditorium

"Artificial Intelligence and Robot Research"

Dr. Bertram Raphael / Stanford Research Institute

Abstract : Advances in computer technology have pointed out the next important area of computer applications : solution of non-numerical problems. To use a computer to its full potential it should be used as a logical machine, capable of deduction and not just as a numerical calculating machine. Dr. Raphael will give a general introduction describing recent developments in the various branches of Artificial Intelligence, and in particular he will describe the work being carried out at the Stanford Research Institute (SRI) on Robot research. The talk will end with the showing of a colour film (with sound) in which one can see the SRI robot "Shakey" performing some of the tasks presented to it.



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FELLOWS AND VISITORS SERVICE

(Revised Programme of Lectures)

CERN SUMMER VACATION
COURSES → AUGUST 1970

<u>Date</u>	<u>Subject</u>	<u>Lecturer</u>
24	The 150-300 GeV Accelerator Programme	E.J.N. WILSON
25	The Central Computers of CERN	H. VON EICKEN
26*	The Veneziano Model	K. KAJANTIE
27	...	...
28	Superconducting Magnets	M. MORPURGO
31 } 1 }	Design of a Large Experiment in High-Energy Physics	A. WETHERELL
2	Bubble Chambers at CERN	CH. PEYROU
	→ A visit to the Bubble Chamber area will take place immediately after the lecture.	
3	The Place of High-Energy Physics in Science	W. THIRRING
4	Course Review	

→ SEPTEMBER 1970

*All the lectures will be given in English and will take place from 9 a.m. to about 10 a.m. in the Auditorium, except "The Veneziano Model" lecture by K. Kajantie, which will take place in the Theory Conference Room (Labo. 4, 3rd floor) on 26 August.