

JSTP International Seminar on Precision Forging

PROGRAM FOR INVITED ATTENDANTS

March 30, 1997: Registration at Senri Hankyu Hotel

March 31, 1997: Lecture in Osaka University, School of Engineering Science

8:30 - 8:45 Opening Ceremony

8:45 - 10:00 Outline of Precision Forging K.Osakada (Osaka University)

10:00 - 10:30 Break

10:30 - 11:30 Tribology in Cold Forging N.Bay (Technical University of Denmark)

11:30 - 12:00 Tribology in Warm and Hot Forging H.Saiki (Kumamoto University)

12:00 - 13:30 Lunch

13:30 - 14:15 Limit Analysis of Flow Thorough Conical Converging Dies B.Avitzur(Lehigh University)

14:15 - 15:00 Finite Element Method K.Mori (Osaka University)

15:00 - 15:30 Break

15:30 - 16:15 Flow Stress of Steels for Forging T. Miki (Nippon Steel Corp.)

16:15 - 16:45 Ductile Fracture in Cold Forging B.Dodd (Reading University)

16:45 - 17:30 Visit to Osakada Lab., Osaka University

17:30 - 19:00 Supper

19:00 - 21:00 Introduction of the Invited Attendants

April 1, 1997 : Lecture in Osaka University, School of Engineering Science

8:30 - 9:30 Precision Forging in Bearing Manufacturing G.Lahoti (Timken Co.)

9:30 - 10:00 Manufacturing of Dies for Precision Forging C.C.Wang (Nichidai Corp.)

10:00 - 10:30 Break

10:30 - 11:00 Recent Examples of Parts Made by Horizontal Press H.Deguchi (Sakamura Machinery Co.)

11:00 - 12:00 New Less-loading Forming Processes Z.R.Wang (Harbin Institute of Technology)

12:00 - 13:30 Lunch

13:30 - 14:30 Methods for Improving Accuracy in Forging K.Kondo (Nagoya University)

14:30 - 15:30 Optimization of Process Design in Forging T.Altan (Ohio State University)

15:30 - 15:45 Break

15:45 - 16:30 Current Trends in Automotive Forging Industry T.Iwama (Toyota Motor Corp.)

16:30 - 17:00 Presses for Cold Forging T. Nakano (Aida Engineering Ltd.)

17:00 - 17:30 Cold Forging of Aluminium N.Bay (Technical University of Denmark)

18:00 - 19:00 Supper

19:00 - 21:00 Free Discussion after Prof.Kudo's Keynote Presentation

April 2, 1997

Visit to Toyota Motor Co. (Forging Department in Kinuura Plant and Exhibition Center)

April 3, 1997

Visit to Sakamura Machinery Co.(Manufacturer of Horizontal Press)

Visit to Nichidai Corp. (Manufacturer of Cold/Warm Forging Dies)

Farewell Party

April 4, 1997

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