

Ken Sakamura (Ed.)

# TRON Project 1987



Open-Architecture Computer Systems

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# Tron Project 1987 Open Architecture Computer Systems

**Ken Sakamura**



## **Tron Project 1987 Open Architecture Computer Systems:**

*TRON Project 1987 Open-Architecture Computer Systems* Ken Sakamura, 2012-12-06 Almost 4 years have elapsed since Dr Ken Sakamura of The University of Tokyo first proposed the TRON the realtime operating system nucleus concept and 18 months since the foundation of the TRON Association on 16 June 1986 Members of the Association from Japan and overseas currently exceed 80 corporations The TRON concept as advocated by Dr Ken Sakamura is concerned with the problem of interaction between man and the computer the man machine inter face which had not previously been given a great deal of attention Dr Sakamura has gone back to basics to create a new and complete cultural environment relative to computers and envisage a role for computers which will truly benefit mankind This concept has indeed caused a stir in the computer field The scope of the research work involved was initially regarded as being so extensive and diverse that the completion of activities was scheduled for the 1990s However I am happy to note that the enthusiasm expressed by individuals and organizations both within and outside Japan has permitted acceleration of the research and development activities It is to be hoped that the presentations of the Third TRON Project Symposium will further the progress toward the creation of a computer environment that will be compatible with the aspirations of mankind [Tron Project 1987 Open Architecture Computer Systems](#) K. Sakamura, 1987-01-01

*Tron Project 1987 Open-Architecture Computer Systems* Ken Sakamura, 1987-11-13 The proceedings of the third TRON symposium presented here cover all aspects of the TRON project which aims at establishing the new computer architecture for the 1990s The papers review the current status of development of TRON and its various subprojects as well as examine future trends ITRON BTRON CTRON MTRON and TRON VLSI CPU chips are described This volume gives an analysis both generally and in depth of computer systems of the next decade

*TRON Project 1989* Ken Sakamura, 2012-12-06 It is almost six years since the inauguration of the TRON project a concept first proposed by Dr K Sakamura of the University of Tokyo and it is almost 2 years since the foundation of the TRON Association on March 1988 The number of regular member companies registered in the TRON Association as of November 1988 is 145 which is a new record for the Association Some of this year's major activities that I would particularly like to mention are Over 50 TRON project related products have been or are about to be introduced to the marketplace according to a preliminary report from the Future Study Committee of the TRON Association In particular I am happy to say that the ITRON subproject which is ahead of the other subprojects has progressed so far that several papers on ITRON applications will be presented at this conference which means that the ITRON specifications are now ready for application to embedded commercial and industrial products [TRON Project 1988](#) Ken Sakamura, 2013-12-01 It has been almost 5 years since the inauguration of the TRON project a concept first proposed by Dr K Sakamura of the University of Tokyo The TRON Association which was founded as an independent organization in March 1988 has been taking over the activities of the earlier TRON Association which was a division of Japan Electronic Industry Development Association JEIDA It has been

expanding various operations to globalize the organizations activities The number of member companies already exceeds 100 with increasing participation from overseas companies It is truly an awaring historical event that so many members with the same qualifications and aims engaged in the research and development of the computer environment could be gathered together The TRON concept aims at the creation of a new and complete environment beneficial to both computer and mankind It has a very wide scope and great diversity As it includes the open architecture concept and as the TRON machine should be able to work with various foreign languages the TRON is targetted to be used internationally In order for us to create a complete TRON world at though there are several TRON products already on the market continuous and aggressive participation from as members together with concentration as further development are indispensable We the TRON promoters are much encouraged by such a driving force

TRON Project 1990 Ken Sakamura,2012-12-06 I wish to extend my warm greetings to you all on behalf of the TRON Association on this occasion of the Seventh International TRON Project Symposium The TRON Project was proposed by Dr Ken Sakamura of the University of Tokyo with the aim of designing a new comprehensive computer architecture that is open to worldwide use Already more than six years have passed since the project was put in motion The TRON Association is now made up of over 140 companies and organizations including 25 overseas firms or their affiliates A basic goal of TRON Project activities is to offer the world a human oriented computer culture that will lead to a richer and more fulfilling life for people throughout the world It is our desire to bring to reality a new order in the world of computers based on design concepts that consider the needs of human beings first of all and to enable people to enjoy the full benefits of these computers in their daily life Thanks to the efforts of Association members in recent months a number of TRON specification 32 bit microprocessors have been made available ITRON specification products are continuing to appear and we are now seeing commercial implementations of BTRON specifications as well The CTRON subproject meanwhile is promoting standardization through validation testing and a portability experiment and products are being marketed by several firms This is truly a year in which the TRON Project has reached the practical implementation stage

**TRON Project 1987** ,1987 **Advanced Software Applications in Japan** Edward A. Feigenbaum,Elaine Rich,Gio Wiederhold,Michael G Harrison,1995-01-01 Advanced Software Applications in Japan

TRON Project 1990 Ken Sakamura,1991-03-01 I wish to extend my warm greetings to you all on behalf of the TRON Association on this occasion of the Seventh International TRON Project Symposium The TRON Project was proposed by Dr Ken Sakamura of the University of Tokyo with the aim of designing a new comprehensive computer architecture that is open to worldwide use Already more than six years have passed since the project was put in motion The TRON Association is now made up of over 140 companies and organizations including 25 overseas firms or their affiliates A basic goal of TRON Project activities is to offer the world a human oriented computer culture that will lead to a richer and more fulfilling life for people throughout the world It is our desire to bring to reality a new order in the world of computers based on design concepts that consider the

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*Tron Project 1990* Ken Sakamura,1991-03-01 *TRON Project 1990* Ken Sakamura,1990 Fundamentals of Wearable Computers and Augmented Reality Woodrow Barfield,Thomas Caudell,2001-01-01 Fundamentals of Wearable Computers and Augmented Reality presents a broad coverage of the technologies and interface design issues associated with wearable computers and augmented reality displays both rapidly developing fields in computer science engineering and human interface design This book presents concepts related to the use and underlying technologies of augmented reality and wearable computer systems There are many application areas for this technology such as medicine manufacturing training and recreation Wearable computers will allow a much closer association of information with the user than is possible with traditional desktop computers This book addresses an important aspect of wearable computers and augmented reality either from the conceptual or from an application framework Given the wide coverage of topics on issues related to the display of computer generated images in the environment this book can be used as a text for computer science computer engineering and interface design courses

*Proceedings of the 11th TRON Project International Symposium* ,1994 Proceedings of the December 1994 symposium on The Real time Operating system Nucleus TRON project aimed at creating an ideal computer architecture Topics include real time and portability features in CTRON human interface for embedded computers fault tolerant systems and 32 bit microprocessors for embedded systems and efficient testable designs Includes an overview of the project No index Annotation copyright by Book News Inc Portland OR

TRON Project 1988 Ken Sakamura,1988 日本電気株式会社 (Japan),1990

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