

情報センターだより

鉄鋼技術情報センターが 1978 年 4 月から 12 月までに入手したプロシーディングスと数値データ集の目録を御紹介致します。

閲覧その他便宜をはかつておりますので、多数、御利用下さるのをお待ち申し上げます。

なお、お問合せは、(社)日本鉄鋼協会 鉄鋼技術情報センター 企画図書室 (TEL 241-1228) までお願い致します。

1. プロシーディングス目録は、国際会議の開催年月順にしてあります。
2. 数値データ集は、当センターへの受入順に並んでいます。
3. 編集団体について、略称で示してあるのがありますが、その正式名称を次に示します。

A I M E : American Institute of Mining, Metallurgical and Petroleum Engineers

A I S I : American Iron and Steel Institute

A S M : American Society for Metals

A S M E : American Society for Mechanical Engineers

A S T M : American Society for Testing and Materials

I L A F A : Instituto Latinoamericano del Fierro y el Acero

I S I : The Iron and Steel Institute

V D E h : Verein Deutscher Eisenhüttenleute

1. プロシーディングス

プロシーディングス名	開催月日	主催団体	開催地
Development of Advanced Reactor Pressure Vessel Materials	1969, July	International Atomic Energy Agency	Tokyo, Japan
Monitoring structural integrity by acoustic emission STP 571	1974, Jan.	A S T M	Ft, Lauderdale, Fla
Symposium on Environmental Control in the Steel Industry	1974, Feb.	I I S I	Tokyo, Japan
Properties of Materials for Liquefied Natural Gas Tankage	1974, May	A S T M	Boston, USA
Linear Fracture Mechanics Historical Developments and Applications of Linear Fracture Mechanics Theory	1974, July	Institute of Fracture and Solid Mechanics	Bethlehem, USA
Metal-Slag-Gas Reactions and Processes	1975, May	The Electrochemical Society	Toronto, Canada
Influence of Metallurgy on Machinability (Proceedings from on International Symposium)	1975, Oct.	A S M	
Proceedings of an International Symposium on High-Strength, Low-Alloy Steels Micro Alloying 75	1975, Oct.	Union Carbide Corp	Washington, USA
Symposium on "The Role of Slag on Basic Oxygen Steelmaking Processes" Mcmaster Symposium on Iron and Steelmaking No. 4	1976, May	Mcmaster Univ.	Hamilton, Canada
Modern Developments in Powder Metallurgy Volume. 9 : P/M Principles and Production Processes Volume. 10 : Ferrous and Non-Ferrous P/M Matrials Volume. 11 : P/M Special Materials and Applications	1976, June -July	The Metal Powder Industries Federation and American Powder Metallurgy Institute	Chicago, USA
Transport of Solid Commodiiés Via Freight Pipeline Volume 1 : Cost and Level of Service Comparison Volume 2 : Freight Pipeline Technology Erratta Sheet Volume 3 : Part A & Part B Cost Estimating Methodology Volume 4 : Demand Analysis Methodology Volume 5 : Impact Assessment	1976, July	US Department of Transportation	Springfield, USA

プロシーディングス名	開催月日	主催団体	開催地
Microstructural Science Volume 5 Proceedings of the Ninth Annual Technical Meeting of the International Metallographic Society	1976, July	International Metallographic Society	Seattle, USA
Proceedings of the Second International Conference on Mechanical Behavior of Materials	1976, Aug.	The Auspices of Federation of Materials Societies	Boston, USA
Flaw Growth and Fracture Proceedings of the Tenth National Symposium on Fracture Mechanics STP 631	1976, Aug.	A S T M	Philadelphia, USA
Metallic Glasses Seminar of the Materials Science Division	1976, Sept.	A S M	Metals Park, USA
Superalloys; Metallurgy and Manufacture 3rd International Symposium on Superalloys	1976, Sept.	A I M E	Seven Springs, USA
Materials Engineering in the Arctic Proceedings of an International Conference	1976, Sept.	A S M	Quebec, Canada
Proceedings of Design and Construction of Offshore Structures	1976, Oct.	The Institution of Civil Engineers	London, England
INTERGALVA 76 11th International Galvanizing Conference	1976, Oct.	Zinc Development Association	Madrid, Spain
XIX. International Refractory Colloquium	1976, Oct.	Institut für Gestein-schuttenteunde VDEh, etc.	Aachen, Germany
東南アジア鉄鋼協会秋期シンポジウム	1976, Oct.	SEAISI	台湾
Extended Abstracts Volume 76-2	1976, Oct.	The Electrochemical Society	Las Vegas, USA
Proceedings of the Symposium on Properties of High Temperature Alloys	1976, Oct.	The Electrochemical Society	Las Vegas, USA
Proceedings of the 1976 Tri-Service Conference on Corrosion	1976, Oct.	The Naval Advisory Council on Materials	Philadelphia, USA
An International Conference Fabrication and Reliability of Welded Process Plant Volume 1, 2	1976, Nov.	The Welding Institute	London, England
Manufacture of Superconducting Materials (Proceedings of an International Conference)	1976, Nov.	A S M	New York, USA
Performance of Offshore Structures Autumn Review Course	1976, Nov.	The Institution of Metallurgists	Chester, England
Control of Distortion and Residual Stress in Weldment (Proceedings of an International Conference)	1976, Nov.	A S M	Chicago, USA
Electric Furnace Proceedings Vol. 34	1976, Dec.	A I M E	St. Louis, USA
Materiaux & Techniques Tome 1, 2 Special Steels and Nuclear Energy	1976, Dec.	Materiaux & Techniques	Paris, France
A Symposium on Direct Reduction, Energy Conservation, Pollution Control, Foundry Practice and Products	1977	SEAISI	Thailand
Proceedings of the 19th Mechanical Working & Steel Processing Conference	1977, Jan.	A I M E	Pittsburgh, USA
Agglomeration 77 Volume 1, 2 Proceedings of 2nd International Symposium on Agglomeration	1977, March.	A I M E	Atlanta, USA
Ironmaking Proceedings Vol. 36	1977, April	A I M E	Pittsburgh, USA
東南アジア鉄鋼協会東京大会	1977, April	SEAISI	Tokyo, Japan

プロシーディングス名	開催月日	主催団体	開催地
Abstracts of Papers presented at 1977 AWS Convention American Welding Society 58th Annual Meeting Eighth International AWS Brazing Conference Sixth International AWS Soldering Conference	1977, April	American Welding Society	Philadelphia, USA
60th National Open Hearth and Basic Oxygen Steel Conference Steelmaking Proceeding Volume 60	1977, April	A I M E	Pittsburgh, USA
Wear of Materials 1977	1977, April	A S M E	St, Louis, USA
Mechanisms of Environment Sensitive Cracking of Materials	1977, April	The Metals Society	Guildford, England
Ferritic Steels for Fast Reactor Steam Generators Vol. 1, 2	1977, May-June	British Nuclear Energy Society	London, England
Symposium on "Treatment of Coke Oven Gas" McMaster Symposium on Iron and Steelmaking No. 5	1977, May	McMaster Univ.	Ontario, Canada
Vacuum Metallurgy	1977, June	American Vacuum Society & A S M	Pittsburgh, USA
Radiation Effects in Breeder Reactor Structural Materials	1977, June	A I M E	Scottsdale, USA
ICFUAS-6 Internal Friction and Ultrasonic Attenuation in Solids	1977, July	Ministry of Education etc.	Tokyo, Japan
Papers Memoires Fifth International Conference on Liquefied Natural Gas Vol. 1, 2	1977, Aug.-Sept.	International Gas Union etc.	Dusseldorf, Germany
44th International Foundry Congress	1977, Sept.	Associazione Italiana Di Metallurgia	Firenze, Italy
Electron Diffraction 1927-1977 Institute of Physics Conference Series number 41	1977, Sept.	The Institute of Physics	London, England
Extended Abstracts Volume 77-2	1977, Oct.	The Electrochemical Society	Atlanta, USA
Eurotrib '77 2 Europaischer Tribologie-Kongreb. 2nd European TRIBOLOGY Congress Band 1, 2, 3	1977, Oct.	Kurzfassungen der Vorträge	Dusseldorf, Germany
Paper Summaries 37th National Fall Conference	1977, Oct.	American Society for Non-destructive Testing	Detroit, USA
IISI Report of Proceedings Eleventh Annual Conference 2 Volume	1977, Oct.	I I S I	Rome, Italy
9th National SAMPE Technical Conference Materials & Processes-In Service Performance Vol. 9	1977, Oct.	Society for the Advancement Materials and Process Engineering	Atlanta, USA
First International Ferro-Alloys Conference	1977, Oct.	Metal Bulletin Ltd.	Zurich, Switzerland
Proceedings 14th Annual Meeting Society of Engineering Science Recent Advances in Engineering Science	1977, Nov.	Society of Engineering Science	Bethlehem, USA
ILAF A-18 Technical Proceedings Latin American Iron and Steel Congress	1977, Nov.	I L A F A	Punta Del Este, Uruguay
an International Conference Residual Stresses in Welded Construction and Their Effects	1977, Nov.	The Welding Institute	London, England
International Symposium Prediction of Residual Lifetime of Constructions Operating at High Temperature	1977, Nov.	Netherlands Institute of Welding	The Hague Netherlands
Effects of Melting and Processing Variables on the Mechanical Properties of Steel	1977, Nov.-Dec.	A S M E	Atlanta, USA

プロシーディングス名	開催月日	主催団体	開催地
Electric Furnace Proceedings Vol. 35	1977, Dec.	A I M E	Chicago, USA
Proceedings of the twenty-first Japan Congress on Materials Research	1978, March	The Society of Materials Science Japan	Kyoto, Japan
A Seminar on Modern Foundry Practice	1978, April	S E A I S I	Singapore
Abstracts for 3rd International Iron and Steel Congress	1978, April	A I M E	Chicago, USA
61st National Open Hearth and Basic Oxygen Steel and 37th Ironmaking Conference			
Preprints Germany-Japan Seminar	1978, April	VDEh	Düsseldorf, Germany
17th International HEAT TREATMENT Conference Tratermat '78 1, 2, 3	1978, May	Asociacion Tecnica Espanola de Estudios Metalurgicos	Barcelona, Spain
The Metals Society International Conference Basic Oxygen Steelmaking A new technology emerges ? Conference Preprint	1978, May	The Metals Society	London, England
Extended Abstracts Volume 78-1	1978, May	The Electrochemical Society	Seattle, USA
Advances in Welding Processes 4th International Conference	1978, May		Harrogate, England
P/M 78 SEMP 5 The European Symposium on Powder Metallurgy	1978, June	Jernkontoret-Activity Group 8	Stockholm, Swenden
9th International Congress on Electron Microscopy Volume. 1, 2, 3	1978, Aug.	Electron Microscopy Society of America	Toronto, Canada
Second International Colloquium Electron Beam Welding and Melting	1978, Sept.	Secretariat General CEA	Avignon, France
A Symposium on Raw Materials, Feed & Energy Sources for The Iron & Steel Industry	1978, Oct.	S E A I S I	Philippines

## 2. 数値データ集

書名	著者又は編集団体	発行年	発行国
Rules for Nondestructive Inspection of Hull Welds	American Bureau of Shipping	1975	USA
Rules for Building and Classing Steel Vessels	American Bureau of Shipping	1978	USA
Din Taschenbuch 4, Stahl und Eisen Gütenormen	Deutsches Institut für Normung e V	1977	Germany
Din Taschenbuch 4, English Translation	Deutsches Institut für Normung e V	1976	
Din Taschenbuch 8, Schweißtechnik I	Deutsches Institut für Normung e V	1978	
Din Taschenbuch 9, Normen für Gußrohrleitungen	Deutsches Institut für Normung e V	1976	
Din Taschenbuch 10, Mechanische Verbindungselements	Deutsches Institut für Normung e V	1977	
Din Taschenbuch 15, Normen für Stahlrohrleitungen	Deutsches Institut für Normung e V	1976	
Din Taschenbuch 19, Materialprüfnormen für Metalische Werkstoffe	Deutschen Normenausschuß e V	1974	
Din Taschenbuch 22, Normen für Größen und Einheiten in Naturwissenschaft und Technik	Deutschen Normenausschuß e V	1975	
Din Taschenbuch 25, Normen über Informations Verarbeitung	Deutschen Normenausschuß e V	1974	

書名	著者又は編集団体	発行年	発行国
Din Taschenbuch 26, Nichteisenmetalle Normen über Kupfer und Kupferknetlegierungen	Deutschen Normenausschuß e V	1974	
Din Taschenbuch 27, Nichteisenmetalle Normen über Al, Mn, Ti und deren Knetlegierungen	Deutsches Institut für Normung e V	1977	
Din Taschenbuch 28, Stahl und Eisen Maßnormen	Deutsches Institut für Normung e V	1975	
Din Taschenbuch 28, English Translation	Deutsches Institut für Normung e V	1977	
Din Taschenbuch 53, Metallische Gußwerkstoffe Normen über Gütevorschriften Freimaßtolerangen Prüfverfahren	Deutsches Normenausschuß e V	1974	
Din Taschenbuch 54, Nichteisenmetalle Normen über Ni, Pb, Zn, und Sn und deren Legierungen	Deutschen Normenausschuß e V	1975	
Din Taschenbuch 56, Metallprüfnormen für metallische Werkstoffe	Deutschen Normenausschuß e V	1975	
Din Taschenbuch 59, Normen über Drahtseile	Deutsches Institut für Normung e V	1975	
Din Taschenbuch 69, Baunormen stahlbau	Deutsches Institut für Normung e V	1976	
Din Normenheft 3, Kurznamen und Werkstoffnummern der Eisenwerkstoffe in DIN- Normen und Stahl-Eisen-Werkstoffblättern	Deutsches Institut für Normung e V	1976	
Ein-Katalog 1978	Deutsches Institut für Normung e V	1978	
1978 Annual Book of ASTM Standards Part 1 : Steel-Piping, Tubing, Fitting Part 2 : Ferrous Castings; Ferroalloys Part 3 : Steel Plates, Sheet, Strip, Wire Metallic Coated Products Part 4 : Steel-Structural, Reinforcing Pressure Vessel, Railway, Fastners Part 5 : Steel-Bars, Forgings, Bearing, Chain, Springs Part 6 : Copper and Copper Alloys Part 7 : Die-Cast Metals; Aluminum and Magnesium Alloys Part 8 : Nonferrous Metals-Nickel, Lead, Tin alloys, Precious, Primary, Reactive Metals Part 9 : Electro-Deposited Coatings, Metal Powders, Sintered P/M, Structural parts Part 10 : Metals-Physical, Mechanical, Corrosion Testing Part 12 : Chemical Analysis of Metals and Metal Bearing Ores Part 42 : Analytical Methods-Spectroscopy; Chroma-tography; Computer ized Laboratory Systems Part 44 : Magnetic Properties; Metallic Materials for Thermometers, Electrical Resistance, Heating Contacts, Temperature Measurement, Illuminating Standards	A S T M	1978	USA
ASME Boiler and Pressure Vessel Code —An American National Standards Vol. 1~Vol. 13	A S M E	1977	USA
1977 Code Cases Nuclear Components Boilers and Pressure Vessels			

書 名	著 者 又 は 編 集 団 体	発 行 年	発 行 国
Recueil de normes Produits sidérurgiques nuances et qualites tome 1-tome 6	Association Française de Normalisation	1976	France
Tubes en acier		1977	
Recueil de normes françaises aciers inoxydables et aciers réfractaires Nuances normalisées	Association Française de Normalisation	1977	
Métaux non ferreux Produits en aluminium et alliages d' aluminium tome 1, 2		1978	
Technische Regeln Druckgase (TRG)	Vereinigung Der Technischen Überwachungs-Vereine e V		Germany
Dampfkessel-Bestimmungen Technische Regeln für Dampfkessel -TRD-	Vereinigung Der Technischen Überwachungs-Vereine e V		Germany
AD-Merkblätter Technical Rules for Pressure Vessels English Edition	Vereinigung der Technischen Überwachungs-Vereine e V		Germany
SAS 811-1976 オーステナイト系ステンレス鋼の溶接後熱処理に 関する基準	ステンレス協会	1976	日 本
BSI British Standards 1978 Yearbook	British Standards Institute	1978	England
Metal Progrese 1978 DATA book		1978	
Catalogue des normes françaises 1978	Association Française de Normalisation	1978	France
The Handbook of Binary Phase Diagrams Volume 1, 2, 3,	William G. Maffatt	1978	USA
JIS Handbook Ferrous Materials and Metallurgy	日本規格協会	1978	日 本
JIS 総目録 1978	日本規格協会	1978	日 本
JIS ハンドブック 鉄鋼 1978 非鉄 1978	日本規格協会	1978	日 本
JIS G鉄鋼部門 H非鉄部門 M鋳山部門 (1部) Z一般及び雑部門 (1部) etc.	日本規格協会		日 本
鋼船規則集	日本海事協会	1978	日 本
鋼船規則集検査要領	日本海事協会	1978	日 本
Selected Values of the Thermodynamic Properties of the Elements	Ralph Hultgren etc.	1973	USA
Rules for the Construction and Classification of Steel Ships 1977	Det Norske Veritas	1978	Norway
Materials Science and Engineering Series Hansen Constitution of Binary Alloys First Supplement Second Supplement	Max Hansen Bordney P., Elliott Ph. D. Francis A. Shunk	1958 1965 1969	USA
Thermochemical Properties of Inorganic Substances	I. Barin, O. Knacke	1973	
Handbook on Materials for Saperconducting Machinery	Advanced Research Projects Agency	1977	
Atlas of Isothermal Transformation and Cooling Trasformation Diagrams	A S M	1977	USA
冶金物質の高温物性第 140 委員会 研究委員会資料 第 1 回~第10回	日本学術振興会	1973~ 1978	日 本

書名	著者又は編集団体	発行年	発行国
CRC Handbook of Chemistry and Physics 59th Edition	Robert C., West. Ph. D	1978	USA
Phase Diagrams for Ceramics	National Bureau of Standards	1964	USA
Phase Diagrams for Ceramics, 1969 Supplement	National Bureau of Standards	1969	USA
Phase Diagrams for Ceramics, 1975 Supplement	National Bureau of Standards	1975	USA
金属データブック	日本金属学会	1974	日本
アルミニウムハンドブック	軽金属圧延工業会	1978	日本
Selected Values of the Thermodynamic Properties of the Elements	A S M	1973	USA
LNG materials & fluids	American Bureau of Shipping	1977	USA
Handbook of Soviet Alloy Compositions	Metals & Ceramics Information Center	1976	USA
Rules and Regulations for the Construction and Classification of Steel Vessels	Bureau Veritas	1977	France
Rules for the Construction and Classification of Steel Ships	Bureau Veritas	1977	France