

International Union of Crystallography

Owing to a printer's error the final two pages of the lists of keywords which appeared in the September issue [*Acta*

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Keywords for the Database of Crystallographers and the *World Directory*

Y. Epelboin, General Editor, LMCP, Universités P. M. Curie et Paris VII, URA 009, CNRS, Case 115, 75252 Paris CEDEX 05, France [e-mail: epelboin@lmcp.jussieu.fr]

The International Union of Crystallography will set up a world database of crystallographers. The next issue of the *World Directory* will be a by-product of this database.

The aim is to allow any scientist to retrieve useful information on other scientists: addresses, interests The database will be accessed by e-mail and later *via* telnet sessions. Security will be enforced to ensure that the data are not used for non-scientific purposes.

One of the main uses is to find specialists on given topics. This means that it will be possible to search the database by keywords and these must be defined in advance. The present list has been established on the basis of the keywords used in the eighth edition of the *World Directory*. Some additional keywords corresponding to new fields have been added. Some, too specific or misspelled, have been suppressed. Altogether there are about 1500 keywords.

Scientists will be able to use their own keywords for a better definition of their fields of interest but electronic searching of the database will be based on **this printed list**.

The collection of data will start at the beginning of 1993 and instructions will be distributed by the national Sub-Editors.

The list is divided into three parts: – *Methods, Properties and Applications* – *Compounds* – *Attributes*. The *Attributes* list must be used in conjunction with the other two lists and defines additional keywords for a better description of entries in those lists.

I hope that everybody will find appropriate definitions in the present lists. For maximum efficiency of the search process it is necessary to bear in mind that a too strict definition will be useless. This is one of the key points for the success of this database.

Methods, Properties and Applications

This list contains the keywords for methods of study, properties (physical, chemical, biological, . . .) and applications. It may be used with words defined in the *Attributes* list.

Aberration	Anomalous dispersion	Bijvoet absorption edge	Carcinogenesis	Combinatorial theory
Absolute configuration	Anomeric effect	Biochemistry	Catalysis	Combustion
Absolute structure	Antiferroelectricity	Biocoordination	Centrosymmetry	Complexation
Absorption correction	Antiferromagnetism	Biocrystallography	Chandler wobble	Compliance sampling
Absorption edge	Antiphases	Bioelectret	Channelling	Compression
Absorption spectroscopy	Anvil cell	Bioenergetics	Characterization	Compton scattering
Accuracy	Aperiodic material	Biology	Charge density	Computer
Accurate intensity	Apparatus	Biomaterial	Charge-density wave	Computer-aided education
Acoustics	Archeology	Biochemicals	Charge localization	Computer architecture
Acoustooptics	Archeometallurgy	Biomolecule	Charge transfer	Computer-assisted design
Activity	Archeometry	Biophysics	Chelation	Computer automation
Adhesion	Area detector	Biosynthesis	Chemisorption	Computer graphics
Adrenergics	Art conservation	Birefringence	Chemistry	Computer management
Adsorbate	Arthropatic disease	Bloch structure	Chemometrics	Computer modelling
Adsorption	Artificial intelligence	Bloch wall	Chemotaxis	Computer sciences
AEM	ARUPS	Bond length	Chemotherapy	Computer technology
Aerodynamics	ASAXS	Bond method	Chirality	Computing
Aerosol	Association theory	Bond order	Chromatography	Condensed matter
Aerospace	Astronomy	Bonding	Circular dichroism	Conductivity
AES	Astrophysics	Born approximation	Classification	Conductor
Affinity	Asymmetric synthesis	Bormann absorption	Clinker	Conformation
Ageing process	Asymmetry	Boundaries	Close packing	Conformational change
Agriculture	Athletic medicine	Bragg intensity	Cloud physics	Contaminant clean-up
Algorithm	Atomic weight	Bravais lattice	Clustering	Contractile system
ALISUVAX	Attenuation coefficient	Bridgman Stockbarger technique	Coagulation	Contrast
Allostery	Auger spectroscopy	Brillouin spectroscopy	Coalification	Control
Alteration	Automation	Burial diagenesis	Coarsening	Convective heat
Amorphization	Autometasomatism	Calcification	Coating	Convergent-beam diffraction
Amorphous phase	Back-reflection	Calibration	Codification	Cooperative interaction
Analgesics	Ballistic	Calorimetry	Cohesion	Cooperative phenomena
Anharmonicity	Band calculation	Camera	Cohesive energy	Coordination
Anisotropy	Basicity relationship	Carboxylation	Colour center	Corrosion
Annealing	Battery		Colour symmetry	Cosmochemistry