Report and Financial Statements

31 December 2008

### REPORT AND FINANCIAL STATEMENTS 2008

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### EXECUTIVE COMMITTEE MEMBERS 31 December 2008

President:

Professor S Larsen

Vice-President:

Professor P M Colman

General Secretary and Treasurer:

Professor S Lidin

Immediate Past President:

Professor Y Ohashi

Ordinary Members:

Professor E Boldyreva Professor G R Desiraju Professor C J Gilmore Professor L J J Delbaere Professor C Lecomte Professor J M Perez - Mato

Executive Secretary:

Mr M H Dacombe

### STATEMENT OF THE EXECUTIVE COMMITTEE'S RESPONSIBILITIES

The Statutes and By-laws of the Union require the Treasurer to exhibit a general statement of the pecuniary affairs of the Union with detailed accounts of the income and expenditure. In preparing these accounts, the Executive Committee is required to:

- select suitable accounting policies and then apply them consistently:
- make judgements and estimates that are reasonable and prudent;
- state whether applicable accounting standards have been followed; and
- prepare the accounts on the going concern basis unless it is inappropriate to presume the Union will continue.

These accounts are to be audited by a professional auditor appointed by the Executive Committee.

The Executive Committee is responsible for keeping proper accounting records which disclose with reasonable accuracy at any time the financial position of the Union and to ensure that the accounts comply with the Constitution of the Union. They are also responsible for safeguarding the assets of the Union and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

In the case of each of the persons who are members of the Executive Committee at the date when this report is approved:

- so far as each of the members is aware, there is no relevant audit information of which the union's auditors are unaware; and
- each of the members has taken all the steps that they ought to have taken as a member to make themselves aware of any relevant audit information and to establish that the union's auditors are aware of that information.

By Order of the Executive Committee

Professor S Lidin

Professor S Larsen

M H Dacombe

General Secretary and Treasurer

President

**Executive Secretary** 

9 June 2009

### INDEPENDENT AUDITORS' REPORT TO THE MEMBERS OF THE

### INTERNATIONAL UNION OF CRYSTALLOGRAPHY

We have audited the financial statements of the International Union of Crystrallography for the year ended 31 December 2008 which comprise the income and expenditure account, the balance sheet, the cash flow statement, and the related notes 1 to 15. These financial statements have been prepared under the accounting policies set out therein

This report is made solely to the Union's members, as a body, in accordance with Section 11.1 of the Statutes of the Union. Our audit work has been undertaken so that we might state to the Union's members those matters we are required to state to them in an auditors' report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the Union and the Union's members as a body, for our audit work, for this report, or for the opinions we have formed.

### Respective responsibilities of the Executive Committee and auditors

The Executive Committee's responsibilities for preparing the financial statements in accordance with applicable United Kingdom law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice) are set out in the Statement of the Executive Committee's Responsibilities.

Our responsibility is to audit the financial statements in accordance with relevant United Kingdom legal and regulatory requirements and International Standards on Auditing (UK and Ireland).

We report to you our opinion as to whether the financial statements give a true and fair view in accordance with the relevant financial reporting framework.

In addition, we report to you if, in our opinion, the Union has not kept proper accounting records, if we have not received all the information and explanations we require for our audit, or if information specified by law is not disclosed.

### Basis of audit opinion

We conducted our audit in accordance with International Standards on Auditing (UK and Ireland) issued by the Auditing Practices Board. An audit includes examination, on a test basis, of evidence relevant to the amounts and disclosures in the financial statements. It also includes an assessment of the significant estimates and judgements made by the Executive Committee in the preparation of the financial statements, and of whether the accounting policies are appropriate to the Union's circumstances, consistently applied and adequately disclosed.

We planned and performed our audit so as to obtain all the information and explanations which we considered necessary in order to provide us with sufficient evidence to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or other irregularity or error. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the financial statements.

### Opinion

In our opinion, the financial statements give a true and fair view, in accordance with United Kingdom Generally Accepted Accounting Practice, of the state of the Union's affairs as at 31 December 2008 and of its surplus of income over expenditure for the year then ended.

Deloitte LLP

Chartered Accountants and Registered Auditors

Manchester

United Kingdom

2009

### INCOME AND EXPENDITURE ACCOUNT Year ended 31 December 2008

	Note	2008	Swiss I 2008	Francs	2007
Income	11010	2000	2000	2007	2007
Membership subscriptions			159,353		152,000
Sales Journals, back numbers and single issues Books Open Access Grant		4,334,082 268,897 46,284		4,881,772 396,541 46,684	
Investment income Income from investments Bank interest (Loss)/profit on sale of investments	7 8 9	102,284 32,996 (22,993)	4,649,263	129,916 34,966 106,728	5,324,997
Other income Royalties and copyright fees Advertising income STAR/CIF income		13,744 227,689 7,793	112,287	10,206 264,486 37,991	271,610
			249,226		312,683
TOTAL INCOME			5,170,129		6,061,290
Expenditure					
Journals Publication costs Editorial expenses Technical editing Subscription administration		641,289 249,213 1,624,148 122,410	2,637,060	993,593 372,273 1,764,307 62,992	3,193,165
Books Publication costs Editorial expenses Technical editing		33,566 72,304 228,159	334,029	58,657 103,317 205,628	367,602
Newsletter Publication costs Editorial expenses		105,873 121,678	227,551	159,019 126,809	285,828
Presidents Fund and other Grants and Young Scientist Support			93,642		235,986
General Assembly Costs			89,119		9,181
Carried forward			3,381,401		4,091,762

### INCOME AND EXPENDITURE ACCOUNT (continued) Year ended 31 December 2008

	2008	Swiss 1 2008	Francs 2007	2007
Brought forward		3,381,401		4,091,762
Committee meetings and expenses		119,870		118,966
Publications and journals development General Editor meetings STAR/CIF Promotion	673,563 4,466 42,686 245,389	966,104	658,734 16,790 26,100 196,392	898,016
Subscriptions paid		12,237		11,609
Visiting professorship programme		8,994		559
Administration expenses: General Secretary and Treasurer: Honorarium to Treasurer Audit and accountancy charges Legal and professional fees Travelling expenses Bank charges  Executive Secretary's office: Salaries and expenses	13,302 61,756 12,032 4,795 2,514	94,399	9,829 83,333 17,807 8,012 2,389	121,370
Travel expenses of IUCr representatives on other bodies Sponsorship of meetings Congress costs IUCr/FIZ agreement Bad debts	341,547 14,279 6,621 25,541 (17,131)	370,857	231 29,867 74,424 (19,147) 4,000	470,437
Depreciation		45,921		47,774
TOTAL EXPENDITURE		4,999,783		5,760,493
Surplus of income over expenditure (before realised exchange fluctuations) carried forward		170,346		300,797

### INCOME AND EXPENDITURE ACCOUNT (continued) Year ended 31 December 2008

	Note	2008	Swiss F 2008	rancs 2007	2007
Surplus of income over expenditure (before realised exchange losses) brought forward			170,346		300,797
Realised fluctuation in rates of exchange Exchange movement on trading activities			(349,133)		
(Deficit)/surplus of income over expenditure (after realised exchange losses)			(178,787)		300,797
Movement in market value of investments in year	5		(972,646)		(142,019)
Unrealised fluctuation in rates of exchange Exchange movement on trading activities Investment activities		28,347 (872,743)	(1,151,433)	(61,365) (182,667)	158,778
		(072,743)	(844,396)	(102,007)	(244,032)
Total recognised losses relating to the year			(1,995,829)		(85,254)
Opening fund accounts at 1 January 2008			5,019,330		5,104,584
Closing fund accounts at 31 December 2008			3,023,501		5,019,330

All the income and expenditure related to continuing activities.

Historic cost results would only differ from above by the profit on sale of investments - see note 9.

Separate Statements of Total Recognised Gains and Losses and Reconciliation of Movements in the Fund Account are not given, as the information is incorporated above.

### BALANCE SHEET 31 December 2008

### **Swiss Francs**

ANYTHIN A GOVERN	Note		2008		2007
FIXED ASSETS Tangible fixed assets Investments at market value	4 5		43,124 1,797,102		45,456 3,663,796
			1,840,226		3,709,252
CURRENT ASSETS Stock Cash at bank and in hand Current accounts Deposit and savings accounts Cash with Union officials		49,463 601,391 17,108	182,162	28,811 637,242 17,161	200,701
			667,962		683,214
Debtors, accrued income and payments in advance Subscriptions due from Adhering Bodies			674,538		878,821 39,000
Total current assets			1,537,662		1,801,736
CREDITORS: amounts falling due within one year	6		(354,387)		(491,658)
NET CURRENT ASSETS			1,183,275		1,310,078
TOTAL FUNDS			3,023,501		5,019,330

The financial statements were approved by the Executive Committee on 12 May 2009.

President Professor S Larsen Sine Lassen

General Secretary and Treasurer Professor S Lidin

Executive Secretary M H Dacombe 7. Daccolle

9 June 2009

### CASH FLOW STATEMENT Year ended 31 December 2008

			5	Swiss Francs	
	Note		2008		2007
Net cash inflow/(outflow) from operating activities (see below)			257,441		(1,323,661)
Returns on investments Interest received Investment income (net of notional)	8	32,998		34,966	
Investment income (net of notional dividends)	7	102,284	_	129,916	
Net cash inflow from returns on investments			135,282		164,882
Investing activities Purchase of fixed assets Purchase of investments Receipts from sale of investments	4 5 9	(43,589) (53,862) 52,174		(41,111) (573,097) 927,893	
Net cash (outflow)/inflow from investing activities			(45,277)		313,685
Increase/(decrease) in cash	14		347,446		(845,094)

Reconciliation of Surplus/(Deficit) of Income over Expenditure to Net Cash (Outflow)/Inflow from Operating Activities

		Swiss F	rancs
		2008	2007
	Note		
(Deficit)/surplus of income over expenditure		(178,787)	300,797
Exchange rate fluctuations attributable			
to operating activities	13	391,045	(53,219)
Interest received	8	(32,998)	(34,966)
Investment income	7	(102,284)	(129,916)
(Loss)/profit on disposal of investments	9	22,993	(106,728)
Depreciation charges	4	45,921	47,774
Decrease in stock		18,539	69,663
Decrease/(increase) in debtors		230,283	(176,781)
Decrease in creditors		(137,271)	(1,240,285)
Net cash inflow/(outflow) from operating			
activities		257,441	(1,323,661)
		All All	

### 1. ACCOUNTING POLICIES

The principal accounting policies adopted are summarised below. They have all been applied consistently throughout the year and preceding year.

### Basis of accounting

The financial statements have been prepared under the historical cost convention, with the exception of investments which are stated at market value, and in accordance with applicable United Kingdom accounting standards.

### Going concern

The Union has considerable financial resources in terms of investments held. As a consequence, the members believe that the Union is well placed to manage its business risks successfully despite the current uncertain economic outlook and the impact this has on the market valuation of the investments.

After making enquiries, the members have a reasonable expectation that the Union has adequate resources to continue in operational existence for the foreseeable future. Accordingly, they continue to adopt the going concern basis in preparing the accounts.

### Rates of exchange

UNESCO rates of exchange as issued by the ICSU Secretariat are used in the preparation of the financial statements.

Transactions denominated in foreign currencies are translated into Swiss Francs at the rates ruling at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the balance sheet date are retranslated at the rates ruling at that date.

Profits and losses arising on trading transactions from the fluctuations in rates of exchange during the year are divided between the fund accounts with credit balances in direct proportion to those balances at the closing balance sheet date. All profits and losses arising from exchange rate fluctuations are taken directly to reserves.

### Publication costs

Publication, editorial and administrative expenses of publications are charged in the appropriate income and expenditure account as and when incurred.

### Stocks

Stocks of International Tables are included at the lower of cost and net realisable value. Stocks of all other publications, including back issues of journals, are not valued for accounts purposes as sales are uncertain.

### Expenditure on premises

Expenditure on maintenance of leasehold premises is charged against the appropriate income and expenditure accounts in the year in which it is incurred.

### Depreciation

- (i) Office equipment is depreciated on the straight line basis at a rate of 20% per annum.
- (ii) Computer equipment is depreciated on a straight line basis at a rate of 33 1/3% per annum.
- (iii) Leasehold property improvements are depreciated over the term of the lease.

### Investment income

Notional dividend income re-invested in accumulation investment funds is treated as income when declared and added to the accumulated cost of investments. Other dividends are recognised on an accruals basis.

### Investments

Investments are stated at market value. Changes in market value are taken directly to reserve movements.

### 1. ACCOUNTING POLICIES (continued)

### Lease costs

Operating lease costs are charged to the income and expenditure account on a straight line basis over the term of the lease. Where reduced rents are payable on property in the earlier years of the lease, the total cost for the period to the first rent review date are spread on a straight line basis, and the appropriate creditor balance is maintained.

### **Pension Costs**

The Union operates a defined contribution pension scheme for its employees. The assets of the scheme are held separately from those of the Union. The amount charged to income and expenditure in the year in respect of pensions represents employer's contributions payable in the year. No amounts were due to or from the pension scheme at 31 December 2008 (2007 – £nil).

### 2. RATES OF EXCHANGE

The assets of the Union are recorded in the financial statements in Swiss Francs but are held in currencies which are considered to be appropriate to the Union's requirements. Transactions in currencies other than Swiss Francs are converted into Swiss Francs at the rate of exchange ruling on the date of the transaction.

The rates of exchange operative at the balance sheet date compared with the Swiss Franc were as follows:

	2008	2007
Euro Pounds Sterling US Dollars	0.6683 0.6539 0.9560	0.6018 0.4404 0.8772

The net assets of the Union at 1 January 2008 (Sw Fr 5,019,330) would have had the value of US \$4,402,957 or £2,210,513 if expressed in those currencies.

At 31 December 2008 the net assets (Sw Fr 3,023,497) would have had the value of US \$2,890,463 or £1,977,065 respectively, being a decrease of US \$1,512,494 or a decrease of £233,448 from the previous year.

### 3. TAXATION

As an association incorporated in Switzerland, the Union is exempt from Swiss Federal and Geneva Cantonal tax. Under current circumstances the Union is not considered to be liable to tax in territories other than Switzerland as a result of domestic exemptions in those other territories and/or specific exemptions arising under the Double Taxation Treaties between those other territories and Switzerland.

2007

### NOTES TO THE ACCOUNTS Year ended 31 December 2008

### 4. TANGIBLE FIXED ASSETS

	Leasehold property improvements Sw Fr	Computer and office equipment Sw Fr	Total Sw Fr
Cost			
As at 1 January 2008	102,987	662,968	765,955
Additions		43,589	43,589
As at 31 December 2008	102,987	706,557	809,544
Accumulated depreciation			
As at 1 January 2008	102,987	617,512	720,499
Charge for the year	-	45,921	45,921
As at 31 December 2008	102,987	663,433	766,420
Net book value			
31 December 2008	-	43,124	43,124
31 December 2007	-	45,456	45,456

NOTES TO THE ACCOUNTS Year ended 31 December 2008

### 5. INVESTMENTS

				:		NS ,	Swiss Francs		;
	Holding at			Disposals/		Increase/	Holding at	Holding at	Holding at
	Market	Additions		Kedemption	Fluctuations	(decrease) in	market	revalued	revalued
	value	during the	Notional	During the	in rates of	market	value	cost	cost
	01/01/08	year	Dividends	year	exchange	value	31/12/08	31/12/08	31/12/07
Held by Merrill Lynch									
GNM P169332 – 2016 (US\$)									
501 Units	691	1	1	(71)	(54)	16	582	523	619
Global Allocation Portfolio									
Class O (US\$) 2,740 Units	128,130	ı	1	1	(10,565)	(26,912)	90,653	29,795	32,473
MLBS SP PF EU EQ (US) B							•		
3,292 Units	225,811	Ì	1	1	(18,620)	(98,655)	108,536	105,185	114,637
Sector SPDR Energy									
2,075 units	187,702	ī	1	ī	(15,477)	(68,543)	103,682	50,571	55,116
M L Asian Dragon								ij	
2,600 units	99,175	1	1	1	(8,178)	(50,748)	40,249	32,581	35,509
Janus US Venture Fund									
4,800 Units	65,172	1	1	ã	(5,374)	(31,782)	28,016	52,036	56,713
Consults Portfolios									
850-07U80 formerly 1CA-07M52	277,121	53,862	•	(75,096)	(11,931)	(104,504)	139,452	244,551	265,785
Coursed Courses	063 803	(30 63		(121 31)	(001 02)	(301 138)	021 113	16 242	(30.073
d for ward	700,006	700,66		(13,101)	(861,07)	(301,120)	0/1,110	213,242	200,000

NOTES TO THE ACCOUNTS Year ended 31 December 2008

### 5. INVESTMENTS (continued)

Swiss Francs rease/ Holding at Holding at Itolding at see) in market revalued revalued arket value 31/12/08 31/12/07	.28) 511,170 515,242 560,852	553) 95,968 106,807 116,405	112) 90,330 104,493 113,883	153) 1,099,634 1,550,279 2,302,160
Inc (decrea	(70,199) (381,128)	(13,356) (52,653)	(11,210) (34,412)	(777,978) (504,453) (872,743) (972,646)
Disposals/ Redemption Fluctuations During the in rates of Year exchange	(75,167)	- (1	- (1	- (77) (75,167)
R Notional Dividends	,	1	,	1
Additions during the year	53,862	ï	ï	53,862
Holding at Market value 01/01/08	983,802	161,977	135,952	2,382,065
	Brought forward	Permal Emerging Markets	Permal Investment 23 units	Held by Close Asset Management Jersey Ltd Close Finsbury International Foundation Funds Ltd Sterling Bond and Equity Fund 203,484 Participating shares

### 6. CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

		Swiss Fi	ancs
		2008	2007
	Creditors and accruals	305,414	423,086
	Payroll creditor including tax and social security	48,973	68,572
		354,387	491,658
7.	INVESTMENT INCOME		
<i>,</i> .		Swiss F	rancs
		2008	2007
	GNM P169332 – 2016	47	59
	Sector SPDR Energy	2,085	1,247
	Close Finsbury International Ltd Sterling Bond and Equity Fund Consults Portfolios	92,536	115,574
	850-07U78	:: <del></del>	4,781
	850-07U80	7,616	8,255
		102,284	129,916
	Allocated to:		2 120
	President's Fund	-	2,138 19,310
	Publication and Journals Development Fund	-	20,387
	Research and Education Fund	<del>≅</del> //	13,079
	Ewald Fund Balance left in General Fund	102,284	75,002
		102,284	129,916

### NOTES TO THE ACCOUNTS Year ended 31 December 2008

### 8. BANK INTEREST

	Sw 20	2007	
National Westminster Bank Plc Manchester Business Reserve Account Manchester Capital Reserve Account	28,405 	29,319	
	28,4	107	29,321
Merrill Lynch CMA Account	4,5	i89	5,645
	32,9	996	34,966

### 9. PROFIT ON DISPOSAL/REDEMPTION OF INVESTMENTS

	Swiss F	Swiss Francs	
	2008	2007	
Proceeds Book value	52,172 (75,165)	927,893 (821,165)	
(Loss)/profit	(22,993)	106,728	

Book value represents market value at 1 January 2008 or cost if acquired after that date.

The (loss)/profit on disposal based on historic cost was Swiss Francs 26,260 (2007 – Sw Fr 59,645). Therefore historic cost results would be as follows:

	Swiss Francs	
	2008	2007
Surplus of income over expenditure	173,614	253,713

### 10. INFORMATION REGARDING EMPLOYEES

2008 No.	2007 No.
24	24
Pounds S	
2008	2007
	898,040
106,015	99,315
153,410	147,204
1,214,115	1,144,559
Swiss Francs	
2008	2007
2,484,691	2,737,500
	Pounds S 2008 954,690 106,015 153,410 1,214,115 Swiss F 2008

### 11. OPERATING LEASE COMMITMENTS

At 31 December, the Union was committed to making the following payments during the next year in respect of operating leases.

	Swiss Francs			
	Land & buildings 2008	Other 2008	Land & buildings 2007	Other 2007
Leases which expire: Within one year Within one to two years Within two to five years	20,642 45,870	783	97,785	1,163
	66,512	783	97,785	1,163

### 12. SPONSORSHIP & OTHER FINANCIAL COMMITMENTS

At 31 December 2008 the Union had authorised, but not contracted for, sponsorship grants of 82,634 Swiss Francs (2007 - Sw Fr 32,490).

At 31 December 2008 the Union had authorised, but not contracted for, a new CIF software agreement of 31,380 Swiss Francs (2007 - Sw Fr 16,000).

In 1997, an agreement was made between the Union and the providers of the newsletter that a cap of US\$ 50,000 per annum was to apply to funding. Any difference between the funds provided and this cap is eligible to be drawn down to meet future cost increases, provide staff rewards or to cover uncertainty concerning advertising income. As at 31 December 2008, the potential liability amounted to US\$ 127,500 (2007 – US\$ 137,500).

### 13. EXCHANGE RATE FLUCTUATIONS ATTRIBUTABLE TO OPERATING ACTIVITIES

	Swiss Francs	
	2008	2007
Unrealised fluctuations in exchange rates Adjustments for exchange differences attributable to:	(844,396)	(244,031)
Investments (note 5)	872,743	182,667
Cash and bank balances	362,698	8,145
	391,045	(53,219)

### 14. ANALYSIS OF CHANGES IN CASH DURING THE YEAR

	Swiss F	rancs	Swiss Fr	rancs
	2008	2008	2007	2007
Balance at 1 January Net cash inflow/(outflow)	347,446	683,214	(845,094)	1,536,453
Fluctuations in rates of exchange on cash and bank balances	(362,698)	(15,252)	(8,145)	(853,239)
		(13,232)		(033,239)
Balance at 31 December		667,962		683,214

### 15. ANALYSIS OF BALANCES OF CASH AS SHOWN IN THE BALANCE SHEET

### **Swiss Francs**

	2008	2007	Change 2008	Change 2007
Cash at bank and in hand	667,962	683,214	(15,252)	(853,239)