

**GENERAL MEETING TO INAUGURATE THE  
INTERNATIONAL SOCIETY OF NOTATIONAL  
ANALYSIS.**



Wednesday 25th November

9.45 a.m.

Burton Manor, Wirral, England.

**AGENDA**

1. Constitution
2. Election of Executive Secretariat.
3. Accreditation.
4. Any other business.

# THE INTERNATIONAL SOCIETY OF NOTATIONAL ANALYSIS

## Constitution

### Aim

To promote notational analysis and act as a forum of communication for the members of the Society. The Society will be non-profit making, non-sectarian and non-political.

### Membership

Anyone can join the Society as a member for a membership fee that will be determined by the members at the Biannual General Meeting (B.G.M.).

### Accreditation

Members of the Society can apply for accreditation by the Society and, on approval by the Executive Secretariat, will be accorded the status of fellows of the Society.

(The methods of accreditation are enclosed in Appendix 1).

### Executive Secretariat

Three members of the Executive Secretariat will be elected at the Biannual General Meeting which will be held at the respective World Congress of Notational Analysis.

The Executive Secretariat will consist of the Past Chair and three members who will run the business of the Society for two years, culminating in the Biannual Conference and the General Meeting. In the interests of cost and efficiency, these three must be demographically close, (if not at the same Institute). These three will be the Chair, the Secretary and the Treasurer.

The Executive Secretariat will keep up to date records of membership of the Society and the status of its members and will attempt to promote, wherever possible, the status of the accredited Fellows of the Society.

The Executive Secretariat will attempt to produce newsletters, magazines, workshops and organize and promote the World Conference. It will also implement the processes of accreditation of the Society.

gender issues

"Objective"?

different important

Criteria



# ACCREDITATION DOCUMENTS

These documents were first written by Keith Lyons, Peter Treadwell and myself for the British Association of Sports Sciences, who are still in the proces of implementing them. We did intend to make minor modifications to them so that they read as though written for ISNA. The principles involved are the matter under proposal and discussion and I feel that we should leave the fine-tuning of these principles to the Executive Secretariat. Peter Treadwell will speak to, and explain, these principles at the General Meeting.

### Examples of accreditation.

**Name:**

Noter, A.,  
School of P.E. & Recreation Sciences,  
Humberpool University,  
Seaview Drive, Humbertown.

**Category of work:**

Academic research and applied work.

**Methodology:**

Computerised notation and hand notation.

**Computerised notation hardware:**

BBC Masters, Archimedes. IBM and IBM clones.

**Systems' Methodology:**

Both hand notation systems and computerised developed at the Centre, skills available for updating and modification of these systems.

**Sports experience:**

**Hand notation in :-** squash, soccer, rugby union, tennis and show-jumping.

**Computerised notation in:-** squash, soccer, rugby union, lacrosse, badminton.

\* \* \* \* \*

**Name:**

Alyst, A.N.,  
School of Sport & Movement Sciences,  
Hopewell Polytechnic,  
Overview Drive, Midlandton.

**Category of work:**

Applied work.

**Methodology:**

Hand notation.

**Computerised notation hardware:**

Not applicable.

**Systems' Methodology:**

Hand notation systems developed at the Centre, skills available for updating and modification of these systems.

**Sports experience:**

**Hand notation in :-** rugby union, rugby league.

**Computerised notation in:-** Not applicable.

\* \* \* \* \*

## **SPORTS NOTATIONAL ANALYSIS (OPEN SECTION)**

### **A CODE OF CONDUCT FOR SPORT NOTATIONAL ANALYSTS**

- 1.1 Notational Analysis is a term used to refer to the systematic gathering of objective information related to the performance of individuals, or teams in a competitive sport environment. It consists of gathering, collating and analysing data from either live situations or 'lapsed time' (video/film) mediums.
- 1.2 All members of the British Association of Sports Sciences (BASS), Sports Notational Analysis (Open Section) (SNAOS), by being accepted members of BASS, automatically consent to abide by this code of conduct.
- 1.3 Members are expected to establish and maintain the highest ethical standards in their sports notational analysis work and those deemed to have behaved inappropriately should be reported to the elected SNAOS Committee, who will act as the disciplinary committee charged with investigating the case and bringing disciplinary action where necessary.

### **2. Competence, Qualifications and Registration**

- 2.1 BASS (SNAOS) will keep a register of suitably qualified sports notational analysts as explained in 2.2. Those listed on the register will be known as "Registered Sports Notational Analysts, (RSNA)". In conjunction with the National Coaching Foundation (NCF), the BASS SNA sub group committee will only recommend sports notation services to be delivered only by RSNA's. All RSNA's by being accepted onto the register, automatically consent to abide by this code of conduct.
- 2.2 BASS (SNAOS) Registration Committee will consist of two representatives from the SNAOS sub group plus two co-opted individuals and will be chaired by the SNAOS subgroup chairman. It shall consider all applications for registration as a RSNA and shall have the right of decision as to who is deemed to be appropriately qualified (see 2.3). In cases of dispute, appeals may be made to the elected BASS Executive Committee.
- 2.3 The following guidelines will be used by the BASS (SNAOS) Registration Committee. Normally, RSNA's will be expected to possess:

EITHER (i). a first degree in computing/mathematics, plus either (a) a post-graduate award in appropriate sport-related studies or (b) demonstrated appropriate research and/or experience supported by publications and referee reports.

research should be conducted with due cognisance of the requirements described in the Data Protection Act 1981?

- 3.6 'Ownership' of such data, collected manipulated and analysed for any client, shall rest jointly between the SNA and the client.

#### **4. Ownership and Commercial Developments?**

- 4.1 Ownership of any notational analysis systems developed for notational analysis purposes should rest with the designer/author and should, where possible, be copyrighted.
- 4.2 When worked on behalf of any contracting agency, the SNA should make it clear, via a contractual agreement, that the expertise on offer is that of time and knowledge. Any hand written or computerised programme systems of analysis - ie. software - remain the property of the individual SNA and not the contracting agency. Unless previously specified and agreed by both parties at the onset of the project

#### **5. Research Ethics**

- 5.1 Research in sports should endeavour to raise the standards of sports science and associated areas of study identified in 1.1.
- 5.2 Investigators in sports research must ensure that the highest standards of safety are maintained at all times and that research carried out by individuals under their supervision, as well as other associates, conforms to these ethical standards.
- 5.3 Investigators should inform all subjects of the procedures, as well as the results. If this is likely to prejudice the research, a more general outline of the aims is permissible, but a full explanation and debriefing should be given at the conclusion of the work.
- 5.4 Investigators should declare their names, status and affiliation to all subjects.
- 5.5 An informed consent document, containing an explanation of the procedures, but subject to the limitations outlined in 5.3, should be provided for all subjects. On agreement of the conditions, both subject and investigator should sign the document.
- 5.6 In the interests of science and sport, investigators in sports psychology should not seek to restrict the dissemination of research findings. However, researchers should avoid going 'beyond the data', drawing conclusions from ambiguous data or making



## A Code of Conduct and Register of Sports Notation Analysts

The National Coaching Foundation (NCF) has been given the responsibility of administering the Sports Science Support Programme, which is funded by the Sports Council. It has been agreed that services funded under this programme should be provided by accredited individuals only.

The purpose of accreditation is to ensure access to quality services. Towards this end, the British Association of Sports Sciences (BASS) has formulated accreditation procedures and is establishing a register of accredited individuals. The BASS Open Section is developing a register of accredited sport notation analysts. Only those individuals on this register will be considered by the NCF when attempting to support Governing Body requests for notational assistance. The register will, therefore, be used to identify individuals who have interests and qualifications which meet the needs of the Governing Bodies.

## A Register of Sports Notation Analysts

In order that the Sports Science Support Programme with Governing Bodies can be operative as soon as possible, a Register of Sports Notation Analysts is to be compiled, as stated above. Applications are now being considered for inclusion onto this Register. The following items have been reprinted from the Code of Conduct so that members are fully informed of the nature of the Register. Additional notes are also available with the application form.

- 2.1 BASS (SPS) will keep a register of suitably qualified sports psychologists, as explained in 2.2. Those listed on the register will be known as "Registered Sports Notation Analysts (RSNA's)". The National Coaching Foundation (NCF) and BASS will recommend sports notation analysts services to be delivered only by RSPs. All RSPs, by being accepted onto the register, automatically consent to abide by this code of conduct.
- 2.2 BASS (SNAOS) Registration Committee will consist of the BASS (Open Section) Committee plus two co-opted individuals and will be chaired by the Chairman. It shall consider all applications for registration as a RSNA and shall have the right of decision as to who is deemed to be appropriately qualified (see 2.3). In cases of dispute, appeals may be made to the elected BASS Executive Committee.
- 2.3 The following guidelines will be used by the BASS (Open Section) Registration Committee. Normally, RSNA's will be expected to possess:

SPORTS NOTATION ANALYSTS (OPEN SECTION)

Application to be placed on the Register of Sports Notational Analysts.

1 Family name ..... 2 First name .....

3 Middle name(s).....

4 Preferred title (delete as necessary): Prof/Dr/Mr/Mrs/Ms

5 Date of birth: year ..... month ..... day .....

6 Nationality ..... 7 Male .... Female ....

8 Register category of application tick box  
Registered Sports Notational Analyst \* §  
(Please refer to 'Code of Conduct' item 2.4 and  
accompanying 'Notes for Registration')

9 Academic qualifications (diploma, degree or equivalent):  
(Please provide documentary evidence of qualifications  
listed)

<u>Date awarded</u>	<u>Degree</u>	<u>Subject(s)</u>	<u>Awarding Institution</u>
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10 Experience in sports notation analysis (eg. teaching, consultancy, research (excluding publications, which should accompany this application on a separate list) - please include dates and list under appropriate headings):

11 Experience in sport (eg. participation as player, coach etc; please include dates and level of expertise reached):

12 Special interests and skills in sports notational analysis, pen and paper analysis, analysis of coaching/instructional methods eg. writing of computer programs.

13 Special sports interests (eg. team games; gymnastics; sailing, coaching children):

14 Referees (who will be requested to comment on your academic standing and practical analysis expertise):

1

2

15 Address for correspondence:

Signature .....



**SPORTS NOTATIONAL ANALYSIS  
ACCREDITATION OF LABORATORIES AND PERSONNEL**

**Introduction**

The British Association of Sports Sciences, in conjunction with the National Coaching Foundation, is to establish a network of individuals and Institutions capable of providing a Sports Sciences evaluation and monitoring service for the elite competitor/team. An accreditation Sub-Committee of the BASS Executive, plus the Sports Science Education Officer has been formed. Individuals and Institutions are invited to apply to the Sub-Committee for recognition as registered providers of sports notational Analysis to the elite competitor/team. On the basis of individual/group qualification and experience and, where applicable, reports from accreditation visits to Institutions, applications are either approved, referred for further information or rejected. Reasons for rejection are provided, and the right of appeal to the full Executive Committee is guaranteed.

Either the nominated Director of the proposed centre or the individual applicant is asked to complete the enclosed form.

The nominated Director will be deemed responsible for the following:

- (i) the organisation of the Centre and the training of suitable qualified staff
- (ii) the implementation of the BASS guidelines and the maintenance of the quality of the work performed.

The individual applicant will be deemed responsible for (ii) only.

In addition, the nominated Director will be required to attend a yearly meeting, along with the other Directors and members of the BASS Sub-Committee, to review the current operating procedures and future developments.

BRITISH ASSOCIATION OF SPORTS SCIENCES  
SPORTS NOTATIONAL ANALYSIS (OPEN SECTION).

Completed application forms should be returned to:-

Sarah Rowell  
Sports Science Education Programme  
The National Coaching Foundation  
4 College Close  
Beckett Park  
LEEDS LS6 3QH

## 1. Staffing Analysis

Please indicate below the staff who would be available to support the Centre.

We recognise that this will vary depending upon the level of commitment within the institution to teaching etc., but it will provide a guide as to staffing level available.

	Name	Nature of Position Held within the institution	Weekly Hours Available for consultancy work
1.1	-----	<input type="checkbox"/> Academic <input type="checkbox"/> Non Academic <input type="checkbox"/> Full Time <input type="checkbox"/> Part Time <input type="checkbox"/> Research Student <input type="checkbox"/> Other, please specify -----	<input type="checkbox"/> less than 5 <input type="checkbox"/> between 5-10 <input type="checkbox"/> greater than 10 <input type="checkbox"/> occasionally
1.2	-----	<input type="checkbox"/> Academic <input type="checkbox"/> Non Academic <input type="checkbox"/> Full Time <input type="checkbox"/> Part Time <input type="checkbox"/> Research Student <input type="checkbox"/> Other, please specify -----	<input type="checkbox"/> less than 5 <input type="checkbox"/> between 5-10 <input type="checkbox"/> greater than 10 <input type="checkbox"/> occasionally
1.3	-----	<input type="checkbox"/> Academic <input type="checkbox"/> Non Academic <input type="checkbox"/> Full Time <input type="checkbox"/> Part Time <input type="checkbox"/> Research Student <input type="checkbox"/> Other, please specify -----	<input type="checkbox"/> less than 5 <input type="checkbox"/> between 5-10 <input type="checkbox"/> greater than 10 <input type="checkbox"/> occasionally
1.4	-----	<input type="checkbox"/> Academic <input type="checkbox"/> Non Academic <input type="checkbox"/> Full Time <input type="checkbox"/> Part Time <input type="checkbox"/> Research Student <input type="checkbox"/> Other, please specify -----	<input type="checkbox"/> less than 5 <input type="checkbox"/> between 5-10 <input type="checkbox"/> greater than 10 <input type="checkbox"/> occasionally

## 1.5 Availability

Please provide an estimate of the availability of the resource centre for the assessment of elite competitors/team within the forthcoming academic year (ie September 1988 - August 1989)

		< 25%	25-50	> 50%	occasionally
Monday-Friday	Morning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Afternoon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2.5.1.a Which Computers Do You Use for  
Sports Notation Data Manipulation  
and Analysis

IBM or IMB clone	°	§
BBC/B or BBC Master	°	§
PDP	°	§
HP	°	§
APPLE	°	§
PET	°	§

OTHER -----

MAINFRAME -----

2.4 Computer Analysis

		Yes	No
2.4.1	Do you have specially written software packages for sports analysis	°	§ ° §
	Please give details -----		
	-----		
2.4.2	Would you be prepared to have these software packages requested & approved by BASS(SNAOS)	°	§ ° §

2.5 Pen and Paper Analysis

2.5.1	Do you have specially written software packages for sports analysis	°	§ ° §
	Please give details -----		
	-----		
2.5.2	Would you be prepared to have these software packages requested & approved by BASS(SNAOS)	°	§ ° §

2.6 Other Sports Notation Equipment

2.6.1	Do you use any other major items in your lab for notational analysis purposes?	°	§ ° §
	Please specify -----		
	-----		

2.7 Please Indicate Specific Equipment Requirements Your Lab  
Would Need To Become Fully Operational

a) -----  
b) -----  
c) -----  
d) -----

6.0 Please complete this application on behalf of the laboratory or self by signing your name in the space provided.

Signed -----

Date -----

When completed please return to:

Sarah Rowell  
Sports Science Education Programme  
The Science Education Programme  
The National Coaching Foundation  
4 College Close  
Beckett Park  
LEEDS LS6 3QH

#### RESEARCH PROFILE

Accreditation will normally be granted for a period of three years. Where appropriate, could you please supply details of your relevant research over the past three years.

1. Papers published in Refereed Journals or Refereed International Conference Proceedings.

5. Collaboration with professional sport clubs/individuals athletes & coaches.
6. Lectures to NCF Level 2 and Level 3 courses.
7. The design of courses for the NCF Coach Education Programme and/or the production of NCF Coach Education documentation.

Are you currently using the following equipment in your laboratory to provide feedback to coaches and/or sportspeople? Please give relevant details.

- (i) Video analysis and editing
- (ii) Pen and Paper analysis
- (iii) Computerised notational analysis (real time)
- (iv) Computerised notational analysis (lapsed time)
- (v) Other

FIRST  
WORLD  
CONGRESS

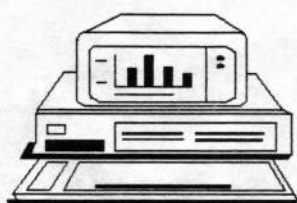


*of*

NOTATIONAL  
ANALYSIS

*of*

SPORT



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A 3-DAY CONFERENCE

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November 22nd-25th 1992

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BURTON MANOR,  
WIRRAL, MERSEYSIDE.

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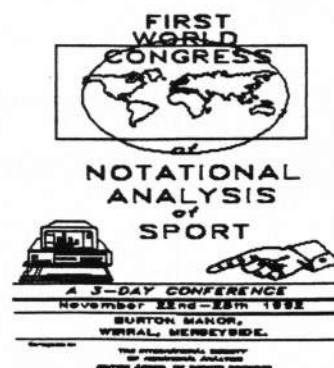
Co-sponsors:

THE INTERNATIONAL SOCIETY  
OF NOTATIONAL ANALYSIS  
BRITISH ASSOC. OF SPORTS SCIENCES

CONGRESS  
DELEGATES



# CONGRESS DELEGATES



Professor Waldemar Winkler	Institute for Sports Science, University of Goettingen.
Professor Tom Reilly,	Liverpool J.M.U.
Dr. Douglas Tumilty,	Department of Physiology and Applied Nutrition, Australian Institute of Sport, Canberra.
Jens Bangsbo,	August Krogh Institute, Copenhagen.
Jesus Rico,	August Krogh Institute, Copenhagen.
Dave Partridge,	School of P.E., U.B.C., Vancouver.
Ian Franks,	School of P.E., U.B.C., Vancouver.
Tim McGarry,	School of P.E., U.B.C., Vancouver.
Jean-Francis Grehaigne,	UFR-STAPS, University of Burgundy.
Neil Lanham,	Soccer Performance Analysis, Suffolk, England.
Kevin Robertson,	University of Northumbria, Newcastle.
Phil Hayes,	University of Northumbria, Newcastle.
George Wilkinson,	University of Northumbria, Newcastle.
Phil Larder,	Widnes R.L.F.C.
Dr. John Croucher,	Macquarie University, Australia.
P.P. du Toit,	Department of Human Movement Science, Potchefstroom University, S.A.
Paul White,	Liverpool J.M.U.
Craig Ahern,	Liverpool J.M.U.
Keith Lyons,	Cardiff Institute.
John Stanhope,	Liverpool J.M.U.
Peter Treadwell,	Cardiff Institute.
Jim Parry,	Cardiff Institute.
Shane Keane,	Liverpool J.M.U.

<b>Peter Drewett,</b>	<b>University of Exeter.</b>
<b>Tony Waters,</b>	<b>Llanelli R.F.C.</b>
<b>Nick Leonard,</b>	<b>Scottish Centre of P.E., Edinburgh.</b>
<b>Basil Ribeiro,</b>	<b>University of Porto, Portugal.</b>
<b>Phil Smith,</b>	<b>Liverpool J.M.U.</b>
<b>Bill Thomson,</b>	<b>University of Calgary, Canada.</b>
<b>Fraser Harrold,</b>	<b>Campden Instruments, Loughborough</b>
<b>Dr. Adrian Lees,</b>	<b>Liverpool J.M.U.</b>
<b>Mike Hare,</b>	<b>Liverpool J.M.U.</b>
<b>Andy Borrie,</b>	<b>Liverpool J.M.U.</b>
<b>Pat Daley,</b>	<b>Gaelic Athletic Association.</b>
<b>Tony Shelton,</b>	<b>Liverpool J.M.U.</b>

#### **CONGRESS STAFF**

<b>Director:-</b>	<b>Mike Hughes</b>	<b>Liverpool J.M.U.</b>
<b>Programmer:-</b>	<b>Dave Whitby</b>	<b>Liverpool J.M.U.</b>
<b>Technician:-</b>	<b>Steve Wilson</b>	<b>Liverpool J.M.U.</b>
<b>Secretary:-</b>	<b>Gaynor Jones</b>	<b>Liverpool J.M.U.</b>

#### **GOFORS:-**

<b>Andy Clarke,</b>	<b>Liverpool J.M.U.</b>
<b>Jason Gilbert,</b>	----
<b>Ian Sykes,</b>	----
<b>Neale Smith,</b>	----
<b>Moirra Lafferty,</b>	----
<b>Martin Lindley,</b>	----
<b>Damon Brown,</b>	----
<b>Lance Doggart,</b>	----
<b>Shane Keane,</b>	----
<b>Mike Heycock,</b>	----
<b>Suzanne Clarke,</b>	----
<b>Emma Painter,</b>	----
<b>Amanda Giford,</b>	----