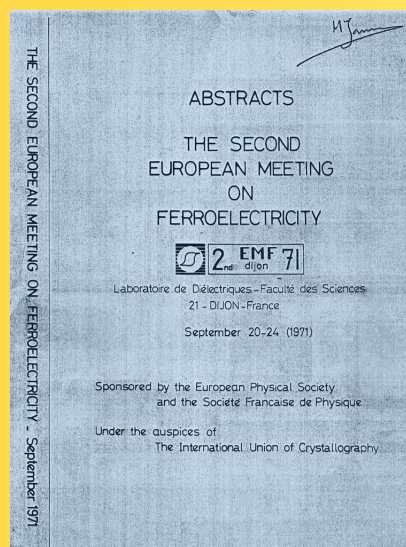


# The Second European Meeting on Ferroelectricity

Organized by  
Laboratoire de Diélectriques  
Faculté des Sciences  
21 – DIJON – France  
September 20-24, 1971

Sponsored by:  
The European Physical Society and  
The Société Française de Physique  
  
Under the auspices of:  
The International Union of Crystallography



| PROGRAM OF THE SESSIONS                                                                                                                          |           |  |                                                                               |           |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--|-------------------------------------------------------------------------------|-----------|--|
| I - invited papers; a = morning; p = afternoon;<br>A = room A; B = room B;<br>number before letters = date; number after letters = serial number |           |  |                                                                               |           |  |
| Morning                                                                                                                                          |           |  | Afternoon                                                                     |           |  |
| Session A                                                                                                                                        | Session B |  | Session A                                                                     | Session B |  |
| 9:30-10 am<br>Opening address                                                                                                                    |           |  | 2-3:30 pm                                                                     |           |  |
| 10 am-12                                                                                                                                         |           |  | Structures and transitions of perovskites                                     |           |  |
| Phase transitions in crystal lattices                                                                                                            |           |  | H.D. MEGAW ..... I - 3                                                        |           |  |
| H. THOMAS ..... I - 1                                                                                                                            |           |  | Studies of ferroelectric materials by neutron inelastic scattering techniques |           |  |
| Structural basis of ferroelectricity                                                                                                             |           |  | R.A. COMLEY ..... I - 4                                                       |           |  |
| E.T. KEVE ..... I - 2                                                                                                                            |           |  | 4-5:45 pm                                                                     |           |  |
| 9-10:30 am                                                                                                                                       |           |  | Phase transition - perovskites                                                |           |  |
| Theory of Rayleigh and Brillouin scattering near the phase transition                                                                            |           |  | 20pA... 7, (8)                                                                |           |  |
| R. KLEIN ..... I - 5                                                                                                                             |           |  | 20pB... 7, (8,9)                                                              |           |  |
| Raman scattering in ferroelectrics                                                                                                               |           |  | 2-3:30 pm                                                                     |           |  |
| E.F. STEINMEYER ..... I - 6                                                                                                                      |           |  | Investigations of surfaces of ferroelectrics with semiconducting electrodes   |           |  |
| 11 am-12:30                                                                                                                                      |           |  | H.E. MÜSER ..... I - 7                                                        |           |  |
| Raman effect and theory                                                                                                                          |           |  | NMR, NQR and double resonance studies of ferroelectrics                       |           |  |
| 21aA... 6                                                                                                                                        |           |  | R. BLINC ..... I - 8                                                          |           |  |
| 11 am-12:30                                                                                                                                      |           |  | 4-6 pm                                                                        |           |  |
| Miscellaneous                                                                                                                                    |           |  | Structures and dynamics I                                                     |           |  |
| 21aB... 6, (7,8)                                                                                                                                 |           |  | 21pA... 8                                                                     |           |  |
| 4-6 pm                                                                                                                                           |           |  | 4-6 pm                                                                        |           |  |
| 21pB... 8, (9)                                                                                                                                   |           |  | Infra-red and conductivity                                                    |           |  |
|                                                                                                                                                  |           |  | 21pB... 8, (9)                                                                |           |  |

| II                                                          |           |  |                                                  |           |  |
|-------------------------------------------------------------|-----------|--|--------------------------------------------------|-----------|--|
| Morning                                                     |           |  | Afternoon                                        |           |  |
| Session A                                                   | Session B |  | Session A                                        | Session B |  |
| 9-10:30 am                                                  |           |  | 9-10:30 am                                       |           |  |
| Second harmonic generation and ferroelectricity             |           |  | 11 am-12:15                                      |           |  |
| J. LITZBERNICK ..... I - 9                                  |           |  | Structures and dynamics II                       |           |  |
| Non linear optics = materials in relation to applications   |           |  | 22aA... 6, (7)                                   |           |  |
| K.F. HULME ..... I - 10                                     |           |  | 22aB... 5, (6)                                   |           |  |
| 11 am-12:15                                                 |           |  | 2-4 pm                                           |           |  |
| 9:30-10:15 am                                               |           |  | TGS (domains)                                    |           |  |
| New classes of ferroelectrics of displacement type          |           |  | 2-3:30 pm                                        |           |  |
| G.A. SMOLENSKY ..... I - 11                                 |           |  | Materials I                                      |           |  |
| 10:45 am-12:15                                              |           |  | 23pA... 8                                        |           |  |
| Domains and Imperfections                                   |           |  | 23pB... 6                                        |           |  |
| 10:45 am-12                                                 |           |  | 4:15-6:30pm                                      |           |  |
| Resonances I                                                |           |  | TGS (dielectric properties and surface problems) |           |  |
| 23aA... 6                                                   |           |  | Materials II                                     |           |  |
| 23aB... 5, (6)                                              |           |  | 23pA9... 17                                      |           |  |
| 9-10:30 am                                                  |           |  | 23pB7... 13 (14,15)                              |           |  |
| Application of ferroelectric materials for electric filters |           |  |                                                  |           |  |
| M. DE JONG ..... I - 12                                     |           |  |                                                  |           |  |
| Noise measurements in ferroelectrics                        |           |  |                                                  |           |  |
| L. GOSPEY ..... I - 13                                      |           |  |                                                  |           |  |
| 11 am-12:15                                                 |           |  |                                                  |           |  |
| Resonances II                                               |           |  |                                                  |           |  |
| 24aA... 5                                                   |           |  |                                                  |           |  |
| 12:15-12:30 pm                                              |           |  |                                                  |           |  |
| Closing address                                             |           |  |                                                  |           |  |

