

## **$\mathcal{D}$ -modules, in memory of Emmanuel Andronikof**

**CIRM (Marseille) April 14–18, 1997**

Organizers: A. D'Agnolo, M. Kashiwara, P. Schapira, J.-P. Schneiders

### **April 14**

- 11:00 *Registration*  
12:30 *Lunch*  
14:15 **Pierre Schapira** *Opening Speech*  
14:30–15:30 **Masaki Kashiwara** *On semisimple holonomic  $\mathcal{D}$ -modules*  
15:45–16:45 **Yves Laurent** *Restriction to a hypersurface of the symbol of a micro-differential operator*  
18:00–18:30 **Susumu Tanabe** *Polar structure of Gauss-Manin system associated with complete intersection isolated singularities*  
18:40–19:10 **Corrado Marastoni** *Grassmann duality for  $\mathcal{D}$ -modules*  
19:30 *Dinner*

### **April 15**

- 9:00–10:00 **Louis Boutet de Monvel** *Toeplitz operators and star-products*  
10:05–11:05 **Philippe Maisonobe** *Variétés caractéristiques de  $\mathcal{D}$ -modules de type  $\mathcal{D}(s)f_1^{s_1} \cdots f_p^{s_p}$  et polynômes de Bernstein relatifs*  
11:20–12:20 **Claude Sabbah** *Problème de Birkhoff et variétés de Frobenius*  
12:30 *Lunch*  
16:45–17:30 **Kiyoshi Takeuchi** *Some applications of bimicrolocalization theory*  
17:35–18:20 **Nobuyuki Tose** *An influence domain for microdifferential operators with double involutive characteristics*  
18:35–19:20 **Giuseppe Zampieri** *Analytic discs in symplectic spaces*  
19:30 *Dinner*

### **April 16**

- 9:00–10:00 **Michèle Vergne** *Number of integer points in convex polyhedra*  
10:05–11:05 **Patrik Polo** *On the  $K$ -theory of twisted differential operators on flag varieties*  
11:20–12:20 **Eric Vasserot** *Double-loop algebras and the Fock space*  
12:30 *Lunch*  
16:00–16:30 **Violaine Colin** *Microlocalisation du foncteur de Whitney*  
16:35–17:05 **Francesco Tonin** *Microlocal tempered inverse image and Cauchy problem*  
17:20–17:50 **Fabienne Prosmans** *Derived categories for functional analysis*  
18:00–18:30 **Andrei Baran** *On the coherence of direct images of  $\mathcal{E}(0)$ -modules*  
19:30 *Dinner*

### **April 17**

- 9:00–10:00 **Toshiyuki Tanisaki** *Radon transforms for Hermitian symmetric spaces*  
10:05–11:05 **Roy Joshua** *Equivariant intersection cohomology*  
11:20–12:20 **Benjamin Enriquez** *Elliptic quantum groups and quasi-Hopf algebras*  
12:30 *Lunch*  
17:00–17:45 **Joseph Fu** *Characteristic cycles of Schubert varieties*  
17:50–18:35 **Amnon Yekutieli** *Intersection cohomology  $\mathcal{D}$ -module and algebraic residues*  
18:50–19:20 **Philibert Nang** *Regular holonomic  $\mathcal{D}$ -modules related to the group of similitudes*  
19:30 *Dinner*

### **April 18**

- 9:00–10:00 **Jean-Paul Brasselet** *Differential operators and singular varieties*  
10:05–10:50 **Teresa Monteiro-Fernandes** *Tempered solutions of regular systems along a submanifold*  
11:20–12:20 **Jan-Erik Björk** *On the work of Emmanuel Andronikof*  
12:30 *Lunch*