

# Teams and participants of the Workshop 2014

A. BenAmor and P. Stollmann

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## Participants

### **Gabés:**

1. Belgacem, Faten (PhD)
2. Metoui, Imen (PhD)
3. Mourou, Sami (PostDoc)
4. Thabet, Amina (PhD)
5. BenAmor, Ali (Prof)
6. Saddi, Adel (PostDoc)
7. Belhaj Ali, Spumaya (PhD)

### **Tunis ElManar:**

1. Belhaj Rhouma, Nedra (Prof)
2. Drissi, Amor (PostDoc)
3. Hichem BelHadjAli (PostDoc)
4. Ibrahim, Zouhir (Master)
5. Balti, Mounir (PhD)
6. Soltani, Amine (PhD)
7. Kenzizi, Tarek (PhD)
8. Ben Mohamed, Mohamed Salah (Master)
9. Seddik, Mouldi (Master)

### **Bizerte:**

1. Balti, Marwa (PhD)
2. Chebbi, Yassin (PhD)
3. Héra Ayadi (PhD)
4. Turki, Nabila (PostDoc)
5. Medini, Zied (PhD)

### **Monastir:**

1. Khemili, Youssef (Master)

### **Chemnitz:**

1. Kalmes, Thomas (PostDoc)

2. Rose, Christian (PhD)
3. Täufer, Matthias (PhD)
4. Schumacher, Christoph (PosDoc)
5. Stollmann, Peter (Prof)
6. Friese, Heidrun (Prof)

**TU Hamburg-Harburg:**

1. Seifert, Christian (PostDoc)

**Jena:**

1. Beckus, Siegfried (PhD)
2. Schmidt, Marcel (PhD)
3. Lenz, Daniel (Prof)
4. Lange, Markus (PhD)

**Dresden**

1. Waurick, Marcus

## Papers

[BJL] Bauer, F., Jost, J. and Liu, S.: Ollivier-Ricci curvature and the spectrum of the normalized graph Laplace operator. arXiv:1105.3803

[CS] Caffarelli, L. and Silvestre, L.: An Extension Problem Related to the Fractional Laplacian. *Comm. Part. Diff. Equ.* 32, 1245–1260 (2007)

[FLW] Frank, R., Lenz, D. und Wingert, D.: Intrinsic metrics for non-local symmetric Dirichlet forms and applications to spectral theory. *J. Funct. Anal.* 266, 4765 – 4808 (first 6 sections)

[M] Mosco, U.: Composite Media and Asymptotic Dirichlet Forms, *J. Funct. Anal.* 123, 368–421 (1994)

[S] Simon, B.: A canonical decomposition for quadratic forms with applications to monotone convergence theorems. *J. Funct. Anal.* 28 (1978), no. 3, 377–385.

## Teams

### Team A: [BJL]

- Chebbi, Yassin (PhD), Bizerte
- H ela Ayadi (PhD), Bizerte
- Torke, Nabila (PostDoc), Bizerte
- Medini, Zied (PhD), Bizerte
- Beckus, Siegfried (PhD), Jena
- Schumacher, Christoph (PostDoc), Chemnitz

### Team B: [CS]

- Drissi, Amor (PostDoc), Tunis ElManar
- Ibrahim, Zouhir (Master), Tunis ElManar
- Ben Mohamed, Mohamed Salah (Master), Tunis ElManar
- Seddik, Mouldi (Master), Tunis ElManar
- Saddi, Adel (PostDoc), Gab es
- Seifert, Christian (PostDoc), Hamburg-Harburg

### Team C:[FLW],first 6 sections

- Hichem BelHadjAli (PostDoc), Tunis ElManar
- Kenzizi, Tarek (PhD), Tunis ElManar
- Balti, Marwa (PhD), Bizerte
- Khemili, Youssef (Master), Monastir
- T ufer, Matthias (PhD), Chemnitz
- Schmidt, Marcel (PhD), Jena
- Lange, Markus (PhD), Jena

### Team D: [M], until section 4.3

- Mourou, Sami (PostDoc), Gab es
- Thabet, Amina (PhD), Gab es
- Belhaj Rhouma, Nedra (Prof), Tunis ElManar
- Waurick, Marcus (PosDoc), Dresden
- Belhaj Ali, Soumaya (PhD), Gab es

### Team E: [S]

- Belgacem, Faten (PhD), Gab es
- Metoui, Imen (PhD), Gab es

- Balti, Mounir (PhD), Tunis ElManar
- Soltani, Amine (PhD), Tunis ElManar
- Kalmes, Thomas (PostDoc), Chemnitz
- Rose, Christian (PhD), Chemnitz