

Exercise No. 13  
**Algorithms and Methods for Distributed Storage**  
Winter 2008/2009

**Exercise 13** *Peer-to-Peer Routing*

Consider a set of peers in European cities as stated on the map below.

1. Draw predecessor and successor links of the Chord ring.
2. Draw the leaf set of Pastry with  $\ell = 2$ .
3. For both Chord and Pastry perform a routing from Lisbon (10011) to Murmansk (00000) and from Stockholm (10010) to Bologna (00111). Use the nearest city that matches a prefix.

