**[Economist, Mathematician, Industrial Engineer]**

**Work Location: Shanghai**

**People Management Responsibility: No**

**Travel Required: Yes**

**Shift Required: No**

**Objectives of the position:**

In Operations Research Team, BASF-wide quantitative decision support for multiple application areas, based on discrete mathematical optimization. This comprises detailed scheduling, tactical demand planning as well as strategic network planning.

**Representative Main Tasks:**

1. Responsible for projects in this field, closely co-operating with business units, supply chain management and marketing.
2. Communicating the ideas and solutions of mathematical modeling to a broad community of non-mathematicians, acting as a driving force in interdisciplinary project teams.
3. Involved in all steps of solution development; from analyzing the problem, developing mathematical models, collecting data, creating user interfaces up to the user training during roll-out phase.

**REQUIREMENTS:**

1. PhD or Master in economics, industrial engineering or mathematics,
2. Strong background in mathematical modeling and optimization as well as statistics skills.
3. Good communication and presentation skills
4. Fluent oral English