**The training course “Tectonic setting related to gas hydrate reservoirs”**

| **No.** | **Lecture** | **Training contents** | **Notes** |
| --- | --- | --- | --- |
| **1** | **1** | Overview of tectonic concepts in the gashydrate prone seas. Part 1. |  |
| **2** | **2** | Overview of tectonic concepts in the gashydrate prone seas. Part 2. |  |
| **3** | **3** | Introduction to the importance of geodynamic. |  |
| **4** | **4** | Overview of deep structures influencing gashydrates |  |
| **5** | **5** | Marginal seas of the Pacific: origin and tectonic features. Part 1. |  |
| **6** | **6** | Marginal seas of the Pacific: origin and tectonic features. Part 2. |  |
| **7** | **7** | Basement structure as a background. Part 1. |  |
| **8** | **8** | Basement structure as a background. Part 2. |  |
| **9** | **9** | Relict tectonics and its importance on gashydrate allocation. |  |
| **10** | **10** | Plate tectonics and its importance on gashydrate allocation. |  |
| **11** | **11** | Neotectonics and modern tectonics: significance in view of gashydrates |  |
| **12** | **12** | Other tectonics patterns and their influence on gashydrates. |  |
| **13** | **13** | Morphotectonics in view of gashydrate potential estimation. Part 1. |  |
| **14** | **14** | Morphotectonics in view of gashydrate potential estimation. Part 2. Relations to gasgeochemistry. |  |
| **15** | **15** | Compression vs extension: links to gashydrate formation and dissociation. |  |
| **16** | **16** | Type and importance of different faults systems |  |
| **17** | **17** | Type and importance of different fold systems |  |
| **18** | **18** | Seismotectonics and their relation to gashydrates. |  |
| **19** | **19** | Features of the South-China Sea tectonics and neighboring areas |  |
| **20** | **20** | Features of the South-China Sea tectonics and neighboring areas |  |