### 小型加速器による小型高輝度X 線源とイメージング基盤技術開発

### 2013年8月19日東北大学 リガク 栗林



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# プロジェクト内での役割

リガクの最終的な役割

- システムの製品化検討

・マーケティング

・ 小型高輝度X線源の評価

- 分光器の製作

- イメージング技術
  - 2次元のX線検出器の調査、選定



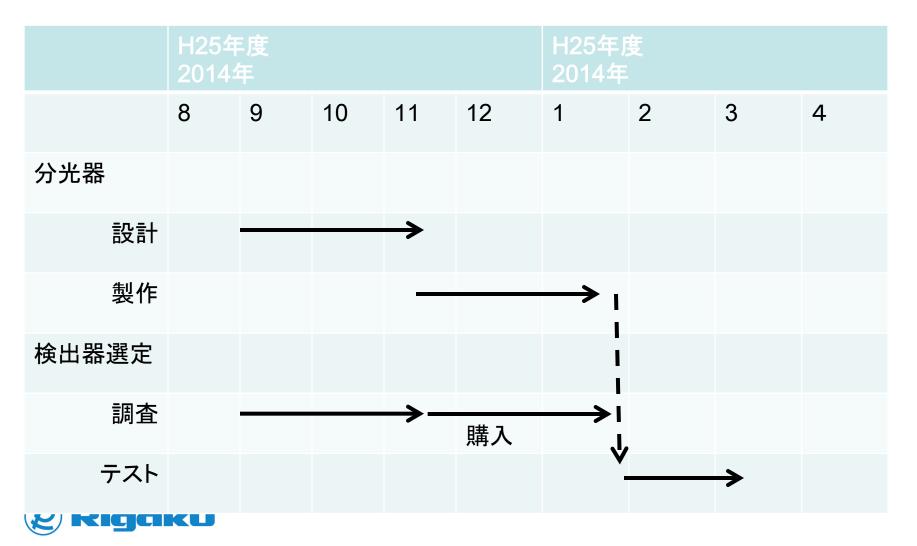
## H25年(2013)

- 分光器製作
  - 結晶分光型スペクトラム測定器
    - Si、Ge、LiF結晶の平板にて分光。
    - 検出器は2次元チャージ蓄積型(時間分解能なし)
      により
    - X線絶対強度測定
- 2次元検出器調査
   ICS線源のイメージングに最適な検出器の調査



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スケジュール



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