

## Hand-in exercise #1

### Recent spaceflights

**Purpose:** To get acquainted with present use of space – for what is it used, by whom, which countries are involved, military versus civilian, launch sites, operators, launchers, ...

**Outline:** Each student is to study the space missions launched during one particular month. Your assigned month is

**Sources:** Use whatever sources you can find for the background information you need (and ask me any questions you may have!). Use the launch logs available at <http://www.spaceflightnow.com/tracking/launchlog.html> and [http://en.wikipedia.org/wiki/Category:Timelines\\_of\\_spaceflight](http://en.wikipedia.org/wiki/Category:Timelines_of_spaceflight). for information on the spaceflights during your assigned month.

(a) Write a summary of the space missions launched during your assigned month. What purposes did they have? Where were they launched from (indicate launch positions on the attached world map by some well visible mark)? What orbits did they have – low Earth, geostationary, even interplanetary? Which countries made the payloads? The satellites? Where these countries the same as the launch countries? Were the payloads commercial, civilian but publically funded (like science missions) or military? **This should not be too long: probably it fits in one page.**

(b) Then select one of ‘your’ spaceflights that you find interesting: look it up and describe it a little deeper, **though not more than about half a page** (plus figures). You are very welcome to note down your own thoughts and reflections as well as the facts themselves. Is space used as you thought before?

**In total, (a) and (b) should fit in two pages + map + possibly some extra figures.** And I want your thoughts, not just Wikiepedia excerpts! Submit as hardcopy, PDF, or MS Word document, **no later than Tuesday, February 2.**

(c) Sum up your results from (a) and (b) on exactly **two slides** (one for (a), one for (b)) in PowerPoint or PDF. Submit via mail to [Anders.Eriksson@fysast.uu.se](mailto:Anders.Eriksson@fysast.uu.se). Present this to all of us **in 2 minutes** (one minute per slide) in the lecture in **Friday, February 5.**

