

Misie na “Mars”



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Predsedníčka SOSA

Hostujúca profesorka na FEI STU

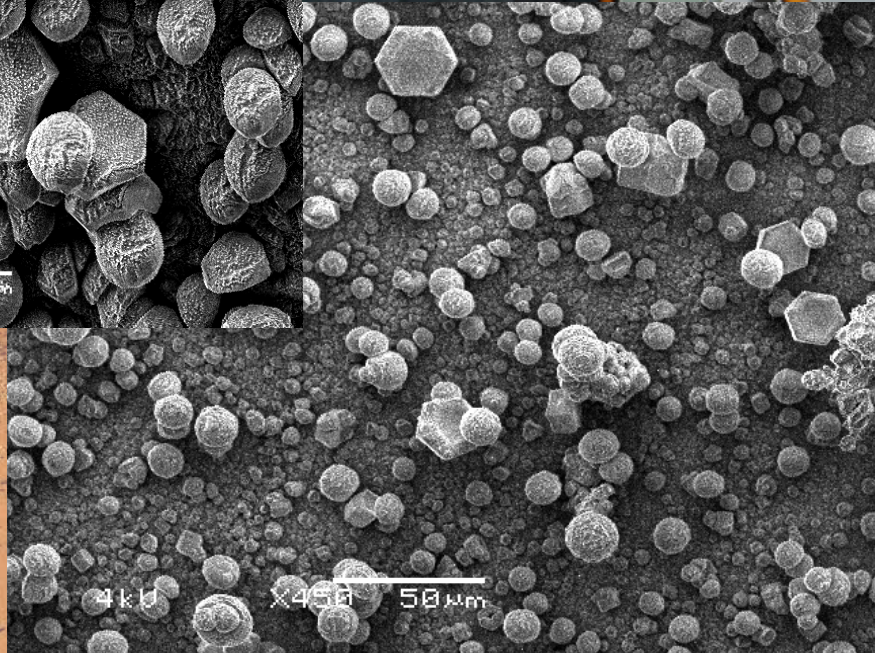
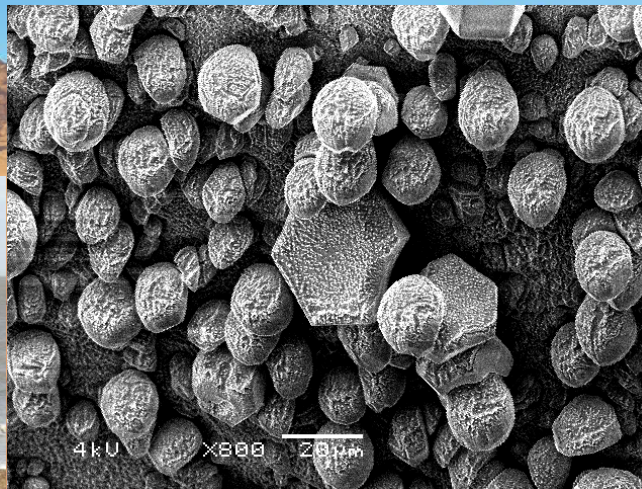
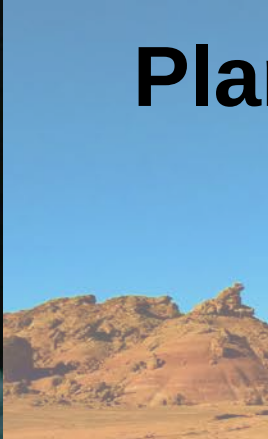
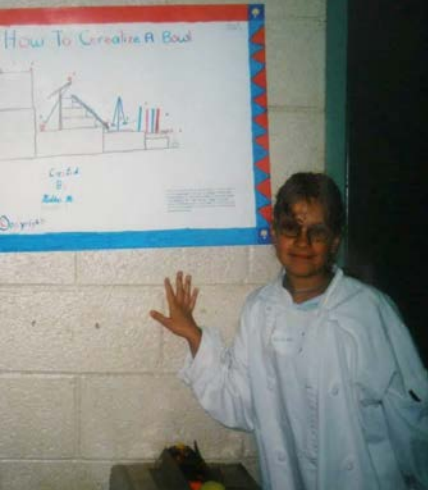
Moja inšpirácia



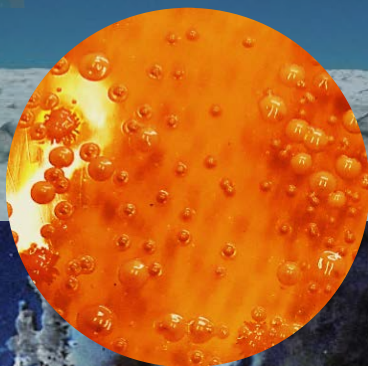
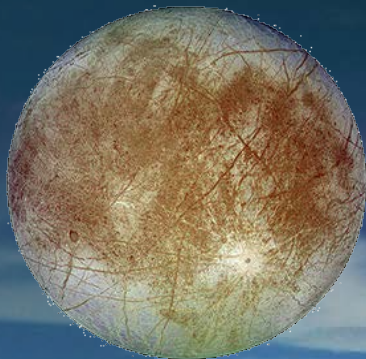
Stretnutie:

Prvý slovenský kozmonaut **Ivan Bella**
a Apollo 17 astronaut "**Gene**" **Cernan**

Planetárne Vedy



Extrémofily



NASA - Jet Propulsion Laboratory

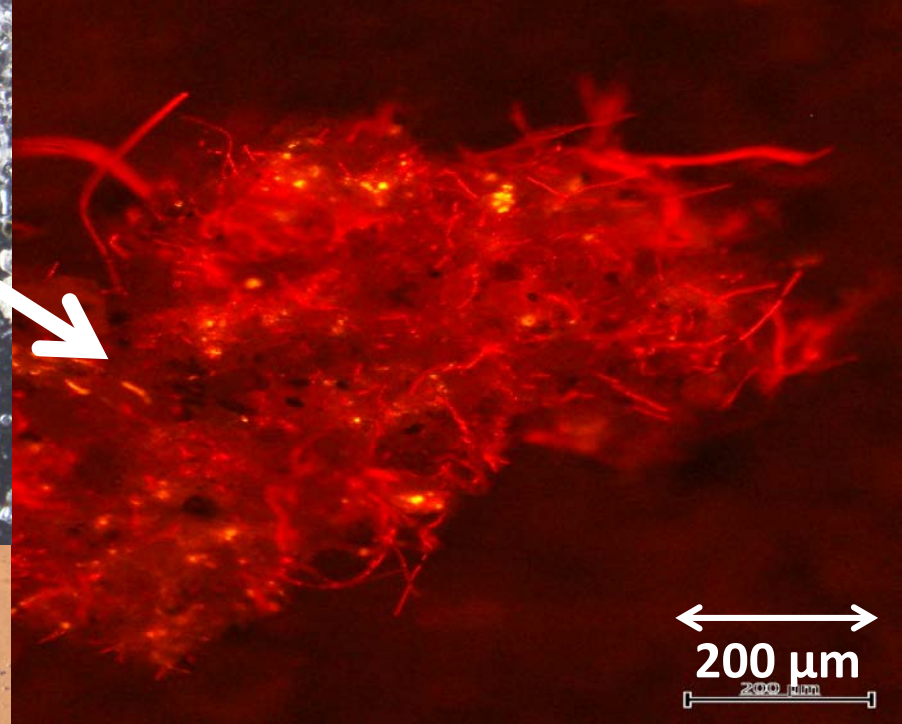
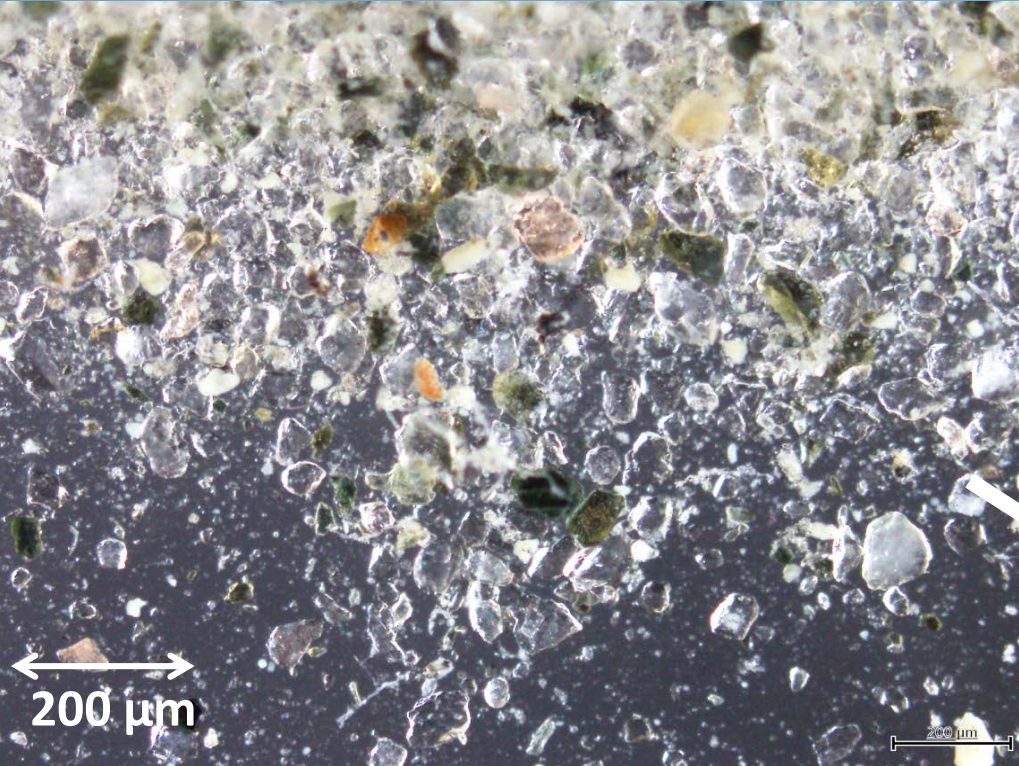


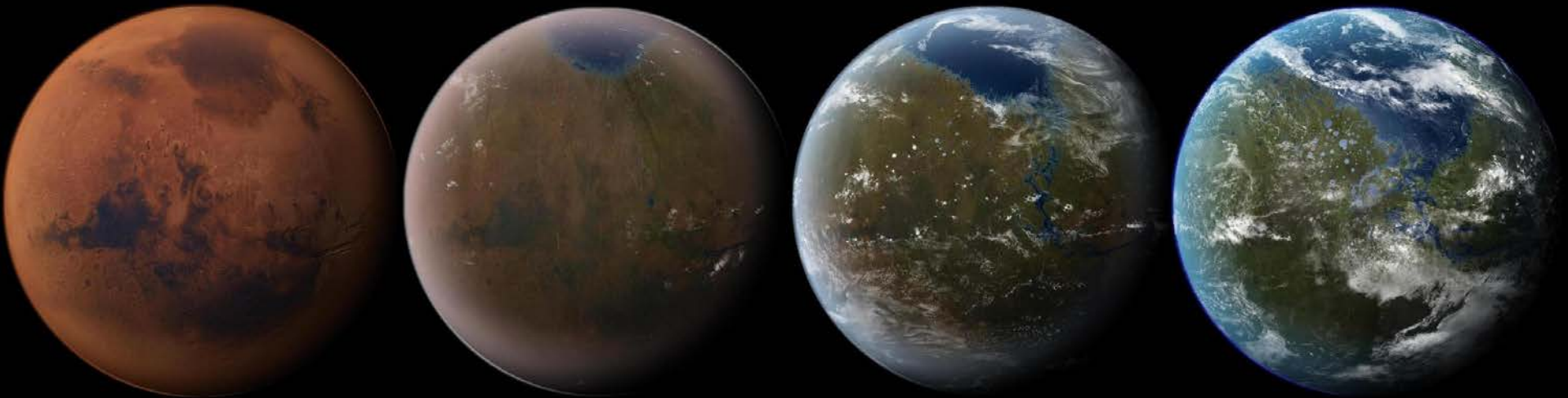


Simulácia ľadovca



Vytváranie organických látok





“terraformovanie” Marsu

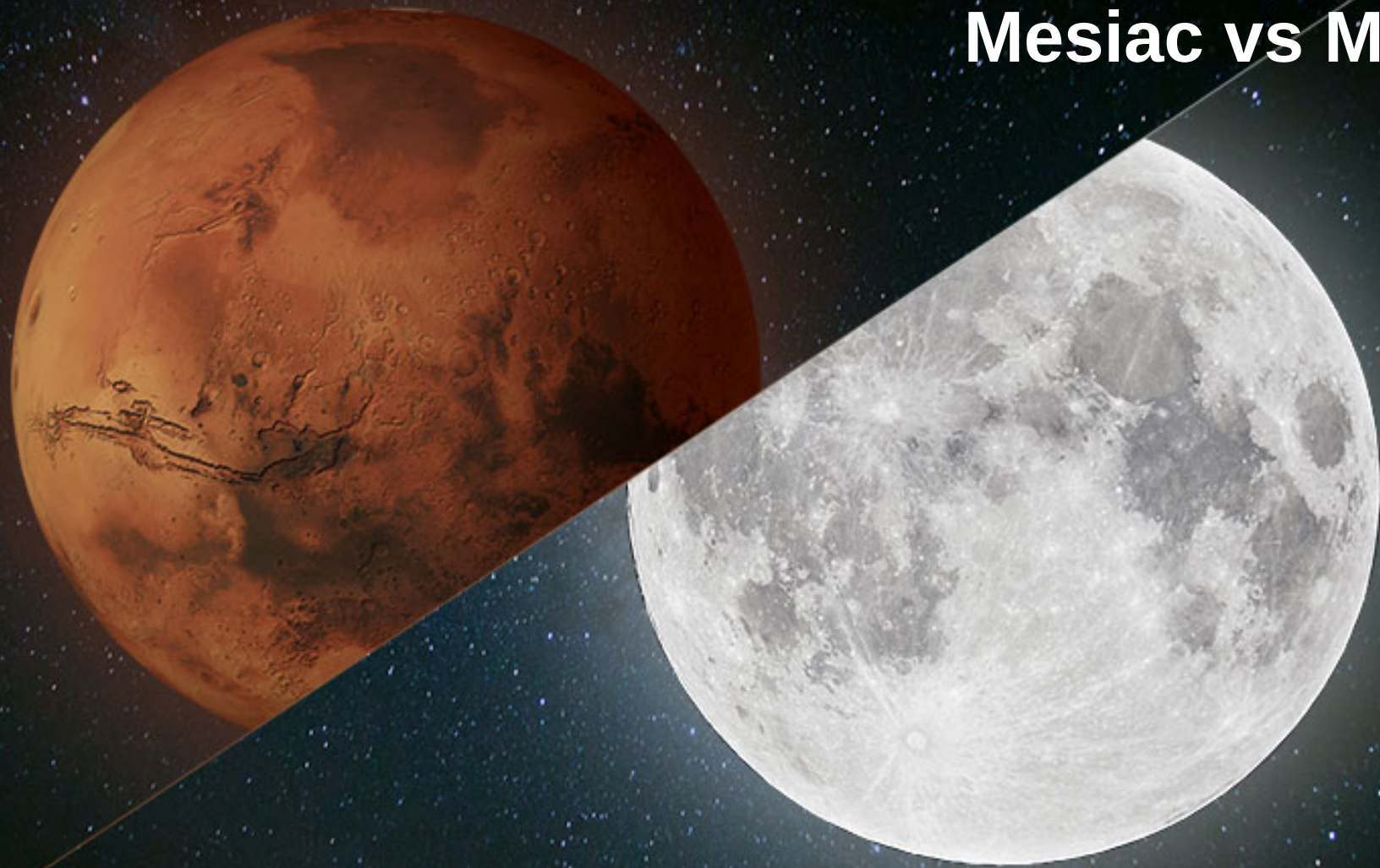




Marsonauti



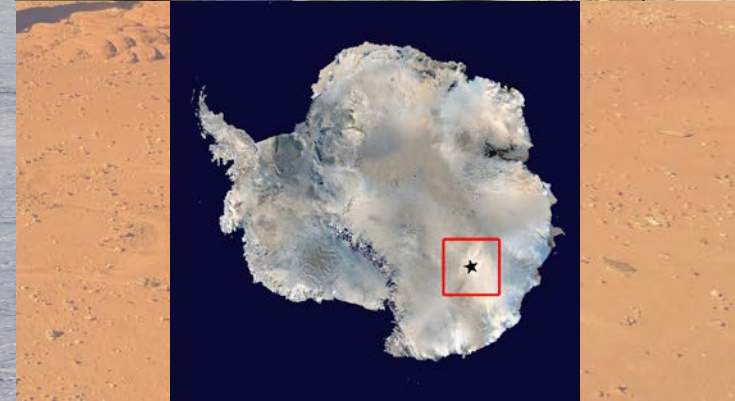
Mesiac vs Mars







Tele-chirurgie





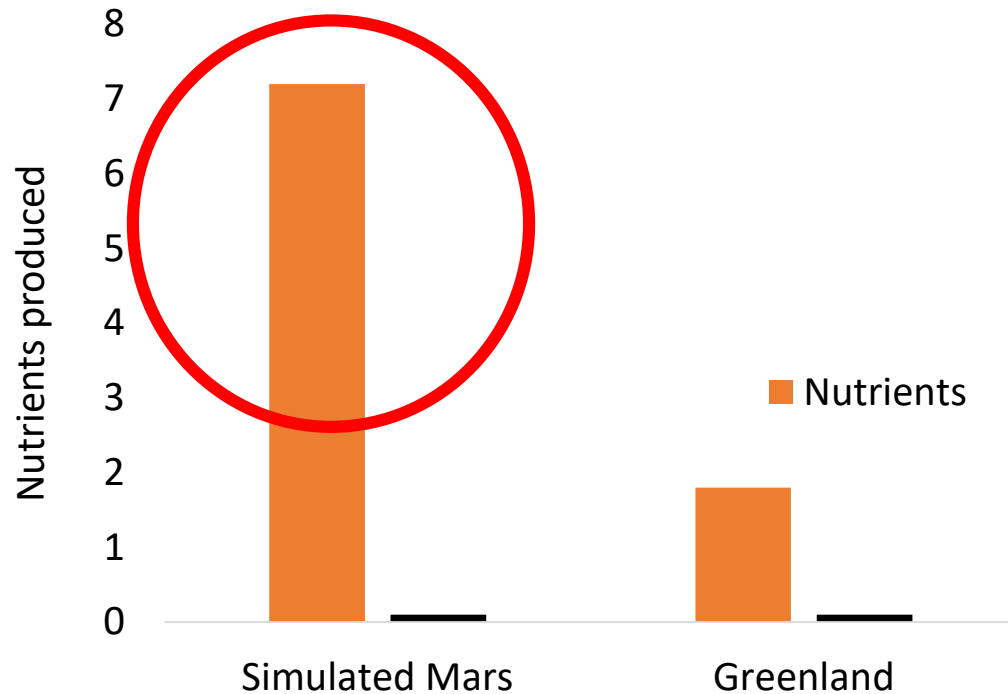
Astronómia



Extrémofily v kameňoch



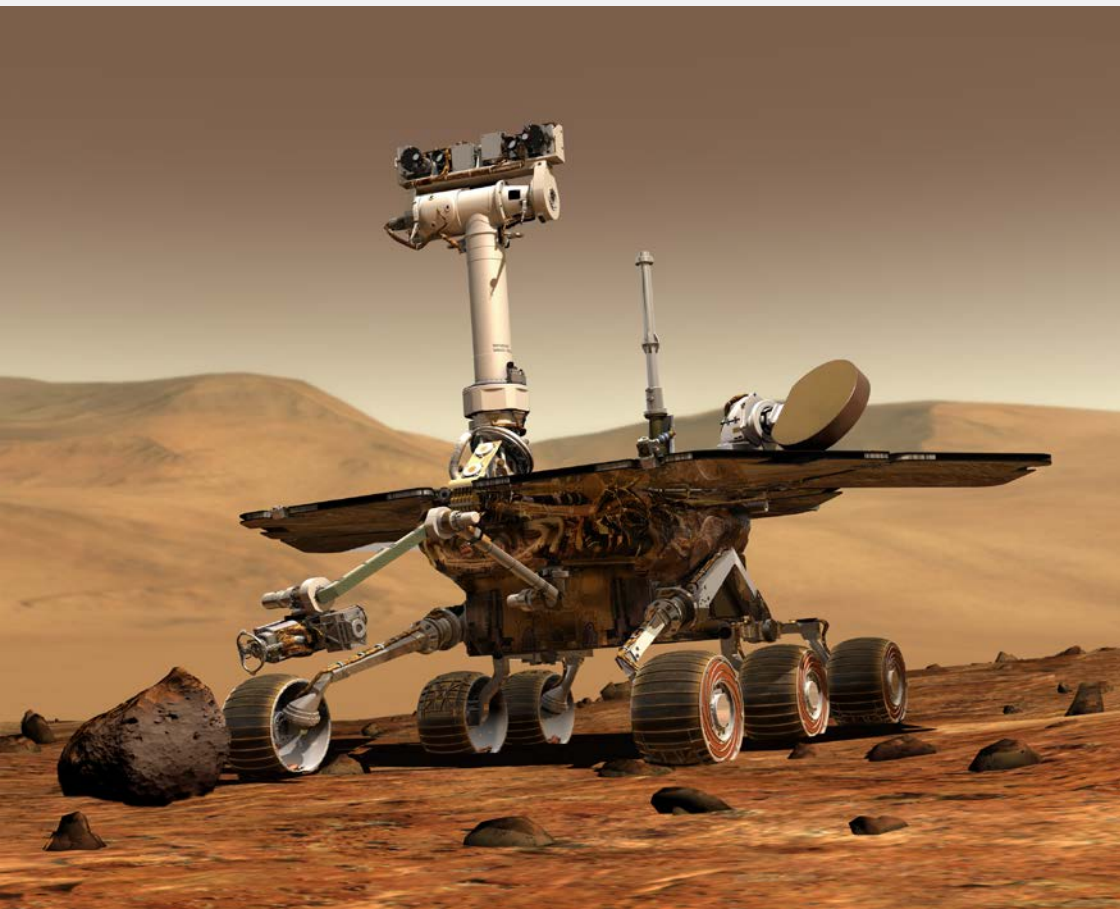
3x viac výroby živín na “Marse”



Musilova *et al.*, 2016



Uvoľňovanie metánu na Marse





Dôstojníčka skleníka





Výskum v teréne





Skupinové projekty



Životný priestor

Nedostatok “skutočného” priestoru





Mars Crew 173

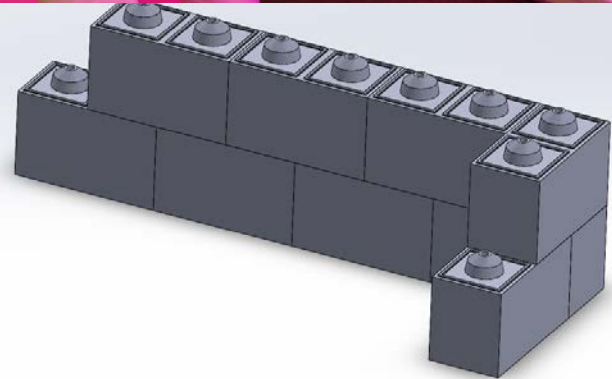
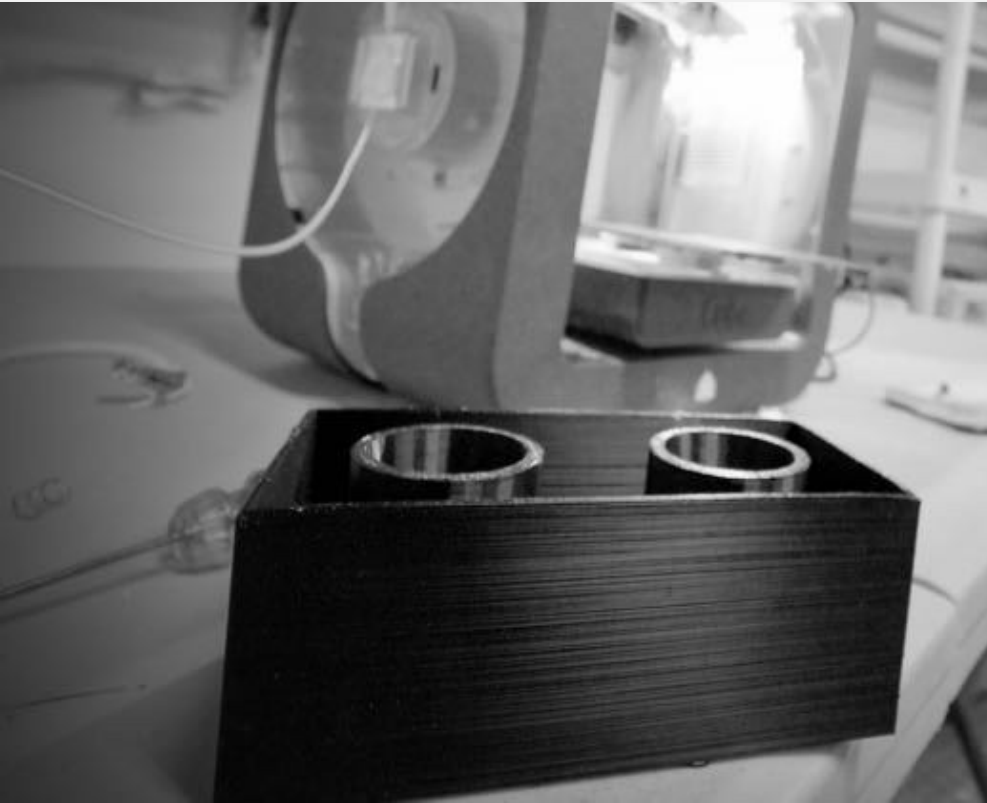






Technológia pre Mars

- 3D tlačenie (tehál, náradia, etc.)
- In situ resource utilisation



Výskum pre Mars

Strava do extrémnych
podmienok & potravinové
doplňky





Sút'až pre študentov na Slovensku





Špenát z Misie Mars



Ďalšie vzdelávacie a popularizačné aktivity



Ludské interakcie v posádke





Skleník



Cesta na Mars



Ďakujem!

