**Out of this world**

Record-breaking astronaut Scott Kelly talks about Earth and beyond

By DAVID MASON
NEWS-PRESS STAFF WRITER

Next week, Mars. Capt. Scott Kelly, the first American to spend a year in space, said he believes astronauts will land there by the 2020s, as NASA intends, if there's the will and the money.

"I was asked by a reporter when I was in space about NASA finding liquid water on Mars, and they NASA determined that yes, in fact, at some times of the year there is liquid water on Mars," the 52-year-old astronaut told the News-Press by phone from his Houston home. "The pay off is that going to help us get to Mars any quicker?" I said, 'That's maybe.'

"Now if we had money on Mars, we would get there really fast because that's what we need money," Mr. Kelly said. He noted that members of Congress who will allocate the funds.

The astronaut will talk about space and achieving personal goals at 7:30 p.m. Nov. 3 at The Granada, 1244 State St. Mr. Kelly has spent more time in a single space mission than any other American astronaut (Col. John Glenn). A US Navy test pilot, he holds the record for any humans at 431 days on the Russian space station Mir in the mid-90s.

Mr. Kelly's 347-day mission on the International Space Station has helped NASA in its study of an extended stay in space before it plans a three-year manned Mars mission.

After Mars, Mr. Kelly is optimistic astronauts will land on other planets because of the speed of technological developments. "A little over a hundred years ago, we were flying around on horses, and the idea of an airplane was science fiction," he said. "Absolutely, we will have the capability to live and work in space for longer periods of time.

"I think we know a lot about what we need to go to Mars. There's still work to do with some of the life support systems," said Mr. Kelly, who worked as a flight engineer then mission commander, during his year in space with Russian cosmonaut Mikhail Kornienko. Other astronauts and cosmonauts traveled to Mars from the station during his and Mr. Kornienko's time on the station, March 2015 to March 2016.

Mr. Kelly said the 400 experiments during his year on the station dealt with issues such as how microgravity two tone bone mass is similar to what people face as they age and materials science in space can result in more efficient cars and rockets.

"We will this experiment that looked at these shifting fluids in our bodies due to the absence of gravity, affects our vision," Mr. Kelly said. "We had some
difficulties with those, but we continue to learn a lot."

Please see KELLY on A7

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**Still his Project**

Santa Barbara rocker Alan Parsons brings his 40-year legacy and eight-piece band to T.O.

By DAVID MASON
NEWS-PRESS STAFF WRITER

One of the last of the original rock and roll superstars, Alan Parsons earned his place in music history with his innovative and concept albums. His 1977 album, "The Eye of the Beholder," was an instant classic and helped define the concept album genre.

"We (The Alan Parsons Project) seemed to fit a niche that people recognized," Parsons said. "It was a big-sounding, heavily orchestrated, deeply layered rock." Parsons will perform with his band, The Alan Parsons Live Project, Friday in Thousand Oaks.

"Our concerts are a celebration of the music, the songs," Parsons said. "It's an eight-piece band – we can make lots of noise." He and his band, The Alan Parsons Live Project, will perform hits by the original The Alan Parsons Project (1975-77) at 8 p.m. Friday at the Thousand Oaks Civic Arts Plaza.

"We have a good number of people on stage – it's an eight-piece band – so we can make lots of noise," he said. "We've played for over 35 years and we've seen people come and go, but we've always delivered.

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**PETS OF THE WEEK**

*Clara Belle and her best friend, Anna Belle, would love to snuggle in your lap and standable vegetables from your yard.*

*Guinea pigs are sanitary animals at Barnes Urgently Needing Shelter. They're a year and a half old and are companion animals. RUNS says they're easy to handle and love to run and explore and will give your new family reasons to smile.*

*Burritos more than 30 guinea pigs available for adoption as singles, pairs, and even a trio. To meet them, visit the Santa Barbara County Animal Services Shelter, 3402 Overpass Road, Goleta. Hours are 9 a.m. to 4 p.m. weekdays and 9 a.m. to 12 p.m. Saturdays. For more information, visit the Santa Barbara County Animal Services' website or call 805-652-4021.*

*Clara Belle and Anna Belle, two of the guinea pigs available for adoption at the Santa Barbara County Animal Services Shelter, 3402 Overpass Road, Goleta. Hours are 9 a.m. to 4 p.m. weekdays and 9 a.m. to 12 p.m. Saturdays. For more information, visit the Santa Barbara County Animal Services' website or call 805-652-4021.*

*Guinea pigs Anna Belle left, and Clara Belle await adoption at the Santa Barbara County Animal Services Shelter, 3402 Overpass Road, Goleta. Hours are 9 a.m. to 4 p.m. weekdays and 9 a.m. to 12 p.m. Saturdays. For more information, visit the Santa Barbara County Animal Services' website or call 805-652-4021.*